

MATERIAL SAFETY DATA SHEET

Instasol – 12



Section 1. Product and Company Information

Product: Instasol - 12
Product Description: Water Soluble Cutting Oil
Uses of the Substances / Mixture: Industrial Applications
Company Name: **Insta Speciality Chemicals**
(An ISO:9001:2008 Company)
Company Address: "IMRAT", Galli No. B/23, Dhayarigaon,
Pune – 411 041, India
Company Number: 020 - 24392871
Emergency Phone Number: 09422009576 / 08605854130

Section 2. Composition / Information on Ingredients

Substance:
Chemical Nature: Surfactant Blend

Section 3. Hazardous Identification

Label Elements:

Hazardous products that must be listed on the label : None

Precautionary Statements:

General: None
Prevention: Wear protective gloves / eye protection / face protection
Response: Eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing. If exposed or concerned: Immediately call a POISON CENTER or doctor / physician.
Storage: Store in a closed container between 10-49⁰C away from strong oxidizing agents and reducing Agents.
Disposal: Dispose of contents / container in accordance with local, regional, national, and / or International regulations.

Section 4. First Aid Measures

Description of necessary first-aid measures

General Advice: Show this safety data sheet to the doctor in attendance. First aider needs to protect Himself/herself. Place affected clothing in a sealed bag for subsequent decontamination.
Inhalation: Remove victim to fresh air. Administrator oxygen if breathing is difficult. If victim is not Breathing than give artificial respiration.
Skin Contact: Immediately flush skin with running water for at least 20 minutes in case of contact with skin. Get medical attention if skin is irritated.
Eye Contact: Immediately flush eyes with running water for at least 20 minutes in case of contact with Substance. Remove contacts if presents and easy to do.
Ingestion: Do NOT induce vomiting without medical advice. Drink water as a precaution. Call a Physician or poison control center immediately. Never give anything by mouth to an Unconscious person.

MATERIAL SAFETY DATA SHEET

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Section 5. Firefighting Measures

Extinguishing Media

Suitable Extinguishing Media: H₂O Spray CO₂, Dry Chemical, BC/ABC Extinguishers

Special hazards arising from the substance or mixture

Specific Hazards during Firefighting: There is a risk of a build-up of pressure in hermetically sealed containers or Tanks when heating. On combustion forms carbon monoxide, Carbon dioxide, potassium oxide, highly flammable gas is released, This increases fire / explosion hazards.

Advice for firefighters

Protective Equipments: Self-contained breathing apparatus, full protective suit

Section 6. Handling and Storage

Handling

Advice on safe handling and usage: Avoid contact with eyes. Do not breathe vapors/dust.

Storage

Recommended: Store between 10-49⁰C. Keep container tightly closed when not in use. Keep away from heat and sources of ignition. Keep away from Incompatible materials. (Strong acids and strong oxidizing agents.)

Section 7. Physical and Chemical Properties

Appearance

Form : Liquid
Physical Status : Liquid
Color : Yellow

Safety Data

Water Solubility : Soluble
Flash Point : > 150⁰C (Closed cup)
Viscosity in cst : 10 - 30
Evaporation Rate : No Evaporation at room temp.

Section 8. Stability and Reactivity

Chemical Stability Stable under most conditions.

Hazardous Reactions

Conditions to Avoid: Prolonged, excessive heat
Materials to Avoid: Strong oxidizing agents, reducing agents

Section 9. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear suitable protective equipment. Do not touch damaged containers or spilled material unless wearing suitable protective clothing.

Methods for cleaning or taking up: Take up with sand or other non-combustible absorbent material and place into containers for later disposal for SMALL SPILLS. LARGE SPILLS : Dike far ahead of spills for later disposal. To avoid gelling and foaming problems, do not use water to flush to industrial sewer. Spills may be reportable to local, state, federal, and/or provincial authorities.

Additional Advice: Prevent entry into waterways, sewers, basements, or confined areas.

MATERIAL SAFETY DATA SHEET

Instasol – 12



Section 10.	Ecological Information
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Environment Assessment: Not classified as dangerous for the environment.

Section 11.	Disposal Considerations
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Advice on Disposal Dispose of in accordance with local regulations
Methodology for treatment of waste coolant – Acidify with H₂SO₄ upto oil separation (pH – 2), Oil is recovered. Remaining waste is neutralized with caustic soda (pH – 6.5 to 9.0), again floating oil is recovered. Settling is done by addition of alum.

Section 12.	Transportation & Regulatory Information
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TRANSPORTATION Not Applicable.

Section 13.	Exposure Controls / Personal Protection
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Engineering Measures: Avoid Splashes. Apply technical measures to comply with any occupational exposure Limits when applicable.

Respiratory Protection: In the case of insufficient ventilation, wear suitable respiratory environment.

Hand protection: Wear appropriate gloves. Please observe instructions provided by the glove supplier Regarding permeability and breakthrough time. Also, take into consideration the Specific local conditions under which the product is used, such as danger of cuts, Abrasion and the contact time. Gloves should be discarded and replaced if there is any Indication of degradation or chemical breakthrough.

Eye Protection: Wear safety goggles. In case of contact though splashing: wear face-shield and Protective suit

Skin and Body Protection: Wear appropriate clothing to avoid direct skin contact. Remove and wash contaminated Clothing before wearing again.

Hygiene Measures: Emergency equipment nearby and immediately accessible, with instructions for use. Ensure that eyewash stations and safety showers are close to the workstation location. Use clean, well maintained personal protection equipment. Store the personal protection Equipment in a clean location away from the work area. Contaminated work clothing Should not be allowed out of the workplace. Before reuse, thoroughly clean Personal protection equipment. Wash hands before breaks and immediately after Handling the product. Shower or bath at the end of working. When using the product do Not eat, drink, or smoke.

Protective Measures: The protective equipment must be selected in accordance with local standards and In corporation with the supplier of the protective equipment. Selection of appropriate Personal protective equipment should take into account the performance of the Protective equipment relative the task (s) to be performed, conditions present, duration Of use, and the potential hazards and / or risks that may occur during use.

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B

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MATERIAL SAFETY DATA SHEET

Instasol - 32



Section 1. Product and Company Information

Product: Instasol - 32
Product Description: Water Soluble Cutting Oil
Uses of the Substances / Mixture: Industrial Applications
Company Name: **Insta Speciality Chemicals**
(An ISO:9001:2008 Company)
Company Address: "IMRAT", Galli No. B/23, Dhayarigaon,
Pune – 411 041, India
Company Number: 020 - 24392871
Emergency Phone Number: 09422009576 / 08605854130

Section 2. Composition / Information on Ingredients

Substance:
Chemical Nature: Surfactant Blend

Section 3. Hazardous Identification

Label Elements:

Hazardous products that must be listed on the label : None

Precautionary Statements:

General: None
Prevention: Wear protective gloves / eye protection / face protection
Response: Eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing. If exposed or concerned: Immediately call a POISON CENTER or doctor / physician.
Storage: Store in a closed container between 10-49⁰C away from strong oxidizing agents and reducing Agents.
Disposal: Dispose of contents / container in accordance with local, regional, national, and / or International regulations.

Section 4. First Aid Measures

Description of necessary first-aid measures

General Advice: Show this safety data sheet to the doctor in attendance. First aider needs to protect Himself/herself. Place affected clothing in a sealed bag for subsequent decontamination.
Inhalation: Remove victim to fresh air. Administrator oxygen if breathing is difficult. If victim is not Breathing than give artificial respiration.
Skin Contact: Immediately flush skin with running water for at least 20 minutes in case of contact with skin. Get medical attention if skin is irritated.
Eye Contact: Immediately flush eyes with running water for at least 20 minutes in case of contact with Substance. Remove contacts if presents and easy to do.
Ingestion: Do NOT induce vomiting without medical advice. Drink water as a precaution. Call a Physician or poison control center immediately. Never give anything by mouth to an Unconscious person.

MATERIAL SAFETY DATA SHEET

Instasol – 32



Section 5. Firefighting Measures

Extinguishing Media

Suitable Extinguishing Media: H₂O Spray CO₂, Dry Chemical, BC/ABC Extinguishers

Special hazards arising from the substance or mixture

Specific Hazards during Firefighting: There is a risk of a build-up of pressure in hermetically sealed containers or Tanks when heating. On combustion forms carbon monoxide, Carbon dioxide, potassium oxide, highly flammable gas is released, This increases fire / explosion hazards.

Advice for firefighters

Protective Equipments: Self-contained breathing apparatus, full protective suit

Section 6. Handling and Storage

Handling

Advice on safe handling and usage: Avoid contact with eyes. Do not breathe vapors/dust.

Storage

Recommended: Store between 10-49⁰C. Keep container tightly closed when not in use. Keep away from heat and sources of ignition. Keep away from Incompatible materials. (Strong acids and strong oxidizing agents.)

Section 7. Physical and Chemical Properties

Appearance

Form : Liquid
Physical Status : Liquid
Color : Yellow

Safety Data

Water Solubility : Soluble
Flash Point : > 150⁰C (Closed cup)
Viscosity in cst : 10 - 30
Evaporation Rate : No Evaporation at room temp.

Section 8. Stability and Reactivity

Chemical Stability Stable under most conditions.

Hazardous Reactions

Conditions to Avoid: Prolonged, excessive heat
Materials to Avoid: Strong oxidizing agents, reducing agents

Section 9. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear suitable protective equipment. Do not touch damaged containers or spilled material unless wearing suitable protective clothing.

Methods for cleaning or taking up: Take up with sand or other non-combustible absorbent material and place into containers for later disposal for SMALL SPILLS. LARGE SPILLS : Dike far ahead of spills for later disposal. To avoid gelling and foaming problems, do not use water to flush to industrial sewer. Spills may be reportable to local, state, federal, and/or provincial authorities.

Additional Advice: Prevent entry into waterways, sewers, basements, or confined areas.

MATERIAL SAFETY DATA SHEET

Instasol – 32



Section 10. Ecological Information

Environment Assessment: Not classified as dangerous for the environment.

Section 11. Disposal Considerations

Advice on Disposal Dispose of in accordance with local regulations

Methodology for treatment of waste coolant – Acidify with H₂SO₄ upto oil separation (pH – 2), Oil is recovered. Remaining waste is neutralized with caustic soda (pH – 6.5 to 9.0), again floating oil is recovered. Settling is done by addition of alum.

Section 12. Transportation & Regulatory Information

TRANSPORTATION Not Applicable.

Section 13. Exposure Controls / Personal Protection

Engineering Measures: Avoid Splashes. Apply technical measures to comply with any occupational exposure Limits when applicable.

Respiratory Protection: In the case of insufficient ventilation, wear suitable respiratory environment.

Hand protection: Wear appropriate gloves. Please observe instructions provided by the glove supplier Regarding permeability and breakthrough time. Also, take into consideration the Specific local conditions under which the product is used, such as danger of cuts, Abrasion and the contact time. Gloves should be discarded and replaced if there is any Indication of degradation or chemical breakthrough.

Eye Protection: Wear safety goggles. In case of contact though splashing: wear face-shield and Protective suit

Skin and Body Protection: Wear appropriate clothing to avoid direct skin contact. Remove and wash contaminated Clothing before wearing again.

Hygiene Measures: Emergency equipment nearby and immediately accessible, with instructions for use. Ensure that eyewash stations and safety showers are close to the workstation location. Use clean, well maintained personal protection equipment. Store the personal protection Equipment in a clean location away from the work area. Contaminated work clothing Should not be allowed out of the workplace. Before reuse, thoroughly clean Personal protection equipment. Wash hands before breaks and immediately after Handling the product. Shower or bath at the end of working. When using the product do Not eat, drink, or smoke.

Protective Measures: The protective equipment must be selected in accordance with local standards and In corporation with the supplier of the protective equipment. Selection of appropriate Personal protective equipment should take into account the performance of the Protective equipment relative the task (s) to be performed, conditions present, duration Of use, and the potential hazards and / or risks that may occur during use.

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B

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MATERIAL SAFETY DATA SHEET

Insta RP – 70



Section 1.	Product and Company Information
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Product:	Insta RP - 70
Product Description:	Rust Preventive Oil
Uses of the Substances / Mixture:	Industrial Applications
Company Name:	Insta Speciality Chemicals (An ISO:9001:2008 Company)
Company Address:	“IMRAT”, Galli No. B/23, Dhayarigaon, Pune – 411 041, India
Company Number:	020 - 24392871
Emergency Phone Number:	09422009576 / 08605854130

Section 2.	Composition / Information on Ingredients
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Substance:	CAS No.	Conc. %
Mineral Oil	8042-47-5	< 70
Proprietary Additive	--	< 30

Section 3.	Hazardous Identification
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Label Elements:

Hazardous products that must be listed on the label : **None**

Precautionary Statements:

General: None

Prevention: Wear protective gloves / eye protection / face protection

Response: Eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing. If exposed or concerned: Immediately call a POISON CENTER or doctor / physician.

Storage: Store in a closed container at room temp. away from strong oxidizing agents and reducing Agents.

Disposal: Dispose of contents / container in accordance with local, regional, national, and / or International regulations.

Section 4.	First Aid Measures
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Description of necessary first-aid measures

General Advice: Show this safety data sheet to the doctor in attendance. First aider needs to protect Himself/herself. Place affected clothing in a sealed bag for subsequent decontamination.

Inhalation: Remove victim to fresh air. Administrator oxygen if breathing is difficult. If victim is not Breathing than give artificial respiration.

Skin Contact: Immediately flush skin with running water for at least 20 minutes in case of contact with skin. Get medical attention if skin is irritated.

Eye Contact: Immediately flush eyes with running water for at least 20 minutes in case of contact with Substance. Remove contacts if presents and easy to do.

Ingestion: Do NOT induce vomiting without medical advice. Drink water as a precaution. Call a Physician or poison control center immediately. Never give anything by mouth to an Unconscious person.

MATERIAL SAFETY DATA SHEET

Insta RP – 70



Section 5. Firefighting Measures

Extinguishing Media

Suitable Extinguishing Media: H₂O Spray CO₂, Dry Chemical, BC/ABC Extinguishers

Special hazards arising from the substance or mixture

Specific Hazards during Firefighting: There is a risk of a build-up of pressure in hermetically sealed containers or Tanks when heating. On combustion forms carbon monoxide, Carbon dioxide, potassium oxide, highly flammable gas is released, This increases fire / explosion hazards.

Flammability of Product Flammable

Advice for firefighters

Protective Equipments: Self-contained breathing apparatus, full protective suit

Section 6. Handling and Storage

Handling

Advice on safe handling and usage: Avoid contact with eyes. Do not breathe vapors/dust.

Storage

Recommended: Store at room temp. Keep container tightly closed when not in use. Keep away from heat and sources of ignition.

Section 7. Physical and Chemical Properties

Appearance

Form : Liquid
Physical Status : Liquid
Color : Light Yellow

Safety Data

Water Solubility : Insoluble
Boiling Point : > 100 °C
Viscosity in cst : < 10
Flash Point (Tag Open Cup) : > 45

Section 8. Stability and Reactivity

Chemical Stability Stable under most conditions.

Hazardous Reactions

Conditions to Avoid: Prolonged, excessive heat
Materials to Avoid: Strong oxidizing agents, reducing agents

Section 9. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear suitable protective equipment. Do not touch damaged containers or spilled material unless wearing suitable protective clothing.

Methods for cleaning or taking up: Take up with sand or other non-combustible absorbent material and place into containers for later disposal for SMALL SPILLS. LARGE SPILLS : Dike far ahead of spills for later disposal. To avoid gelling and foaming problems, do not use water to flush to industrial sewer. Spills may be reportable to local, state, federal, and/or provincial authorities.

Additional Advice: Prevent entry into waterways, sewers, basements, or confined areas.

MATERIAL SAFETY DATA SHEET

Insta RP – 70



Section 10.	Ecological Information
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Environment Assessment: Not classified as dangerous for the environment.

Section 11.	Disposal Considerations
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Advice on Disposal Dispose of in accordance with local regulations

Section 12.	Transportation & Regulatory Information
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TRANSPORTATION Not Applicable.

Section 13.	Exposure Controls / Personal Protection
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Engineering Measures: Avoid Splashes. Apply technical measures to comply with any occupational exposure Limits when applicable.

Respiratory Protection: In the case of insufficient ventilation, wear suitable respiratory environment.

Hand protection: Wear appropriate gloves. Please observe instructions provided by the glove supplier Regarding permeability and breakthrough time. Also, take into consideration the Specific local conditions under which the product is used, such as danger of cuts, Abrasion and the contact time. Gloves should be discarded and replaced if there is any Indication of degradation or chemical breakthrough.

Eye Protection: Wear safety goggles. In case of contact though splashing: wear face-shield and Protective suit

Skin and Body Protection: Wear appropriate clothing to avoid direct skin contact. Remove and wash contaminated Clothing before wearing again.

Hygiene Measures: Emergency equipment nearby and immediately accessible, with instructions for use. Ensure that eyewash stations and safety showers are close to the workstation location. Use clean, well maintained personal protection equipment. Store the personal protection Equipment in a clean location away from the work area. Contaminated work clothing Should not be allowed out of the workplace. Before reuse, thoroughly clean Personal protection equipment. Wash hands before breaks and immediately after Handling the product. Shower or bath at the end of working. When using the product do Not eat, drink, or smoke.

Protective Measures: The protective equipment must be selected in accordance with local standards and In corporation with the supplier of the protective equipment. Selection of appropriate Personal protective equipment should take into account the performance of the Protective equipment relative the task (s) to be performed, conditions present, duration Of use, and the potential hazards and / or risks that may occur during use.

HEALTH	1
FLAMMABILITY	3
REACTIVITY	0
PERSONAL PROTECTION	B

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MATERIAL SAFETY DATA SHEET

Insta CI – 80



Section 1. Product and Company Information

Product: Insta CI - 80
Product Description: Oil Cleaner (Water Base Corrosion Inhibitor)
Uses of the Substances / Mixture: Industrial Applications
Company Name: **Insta Speciality Chemicals**
(An ISO:9001:2008 Company)
Company Address: "IMRAT", Galli No. B/23, Dhayarigaon,
Pune – 411 041, India
Company Number: 020 - 24392871
Emergency Phone Number: 09422009576 / 08605854130

Section 2. Composition / Information on Ingredients

Substance:
Chemical Nature: Surfactant Blend

Section 3. Hazardous Identification

Label Elements:

Hazardous products that must be listed on the label : None

Precautionary Statements:

General: None
Prevention: Wear protective gloves / eye protection / face protection
Response: Eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing. If exposed or concerned: Immediately call a POISON CENTER or doctor / physician.
Storage: Store in a closed container at room temp. away from strong oxidizing agents and reducing Agents.
Disposal: Dispose of contents / container in accordance with local, regional, national, and / or International regulations.

Section 4. First Aid Measures

Description of necessary first-aid measures

General Advice: Show this safety data sheet to the doctor in attendance. First aider needs to protect Himself/herself. Place affected clothing in a sealed bag for subsequent decontamination.
Inhalation: Remove victim to fresh air. Administrator oxygen if breathing is difficult. If victim is not Breathing than give artificial respiration.
Skin Contact: Immediately flush skin with running water for at least 20 minutes in case of contact with skin. Get medical attention if skin is irritated.
Eye Contact: Immediately flush eyes with running water for at least 20 minutes in case of contact with Substance. Remove contacts if presents and easy to do.
Ingestion: Do NOT induce vomiting without medical advice. Drink water as a precaution. Call a Physician or poison control center immediately. Never give anything by mouth to an Unconscious person.

MATERIAL SAFETY DATA SHEET

Insta CI – 80



Section 5. Firefighting Measures

Extinguishing Media

Suitable Extinguishing Media: H₂O Spray CO₂, Dry Chemical, BC/ABC Extinguishers

Special hazards arising from the substance or mixture

Specific Hazards during Firefighting: There is a risk of a build-up of pressure in hermetically sealed containers or Tanks when heating. On combustion forms carbon monoxide, Carbon dioxide, potassium oxide, highly flammable gas is released, This increases fire / explosion hazards.

Flammability of Product Flammable

Advice for firefighters

Protective Equipments: Self-contained breathing apparatus, full protective suit

Section 6. Handling and Storage

Handling

Advice on safe handling and usage: Avoid contact with eyes. Do not breathe vapors/dust.

Storage

Recommended: Store at room temp. Keep container tightly closed when not in use. Keep away from heat and sources of ignition. Keep away from Incompatible materials. (Strong acids and strong oxidizing agents.

Section 7. Physical and Chemical Properties

Appearance

Form : Liquid
Physical Status : Liquid
Color : Colourless to Light Yellow

Safety Data

Water Solubility : Soluble
Flash Point (Open Cup) : < 50 °C
Viscosity in cst : < 5

Section 8. Stability and Reactivity

Chemical Stability Stable under most conditions.

Hazardous Reactions

Conditions to Avoid: Prolonged, excessive heat
Materials to Avoid: Strong oxidizing agents, reducing agents

Section 9. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear suitable protective equipment. Do not touch damaged containers or spilled material unless wearing suitable protective clothing.

Methods for cleaning or taking up: Take up with sand or other non-combustible absorbent material and place into containers for later disposal for SMALL SPILLS. LARGE SPILLS : Dike far ahead of spills for later disposal. To avoid gelling and foaming problems, do not use water to flush to industrial sewer. Spills may be reportable to local, state, federal, and/or provincial authorities.

Additional Advice: Prevent entry into waterways, sewers, basements, or confined areas.

MATERIAL SAFETY DATA SHEET

Insta CI – 80



Section 10.	Ecological Information
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Environment Assessment: Not classified as dangerous for the environment.

Section 11.	Disposal Considerations
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Advice on Disposal Dispose of in accordance with local regulations

Section 12.	Transportation & Regulatory Information
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TRANSPORTATION Not Applicable.

Section 13.	Exposure Controls / Personal Protection
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Engineering Measures: Avoid Splashes. Apply technical measures to comply with any occupational exposure Limits when applicable.

Respiratory Protection: In the case of insufficient ventilation, wear suitable respiratory environment.

Hand protection: Wear appropriate gloves. Please observe instructions provided by the glove supplier Regarding permeability and breakthrough time. Also, take into consideration the Specific local conditions under which the product is used, such as danger of cuts, Abrasion and the contact time. Gloves should be discarded and replaced if there is any Indication of degradation or chemical breakthrough.

Eye Protection: Wear safety goggles. In case of contact though splashing: wear face-shield and Protective suit

Skin and Body Protection: Wear appropriate clothing to avoid direct skin contact. Remove and wash contaminated Clothing before wearing again.

Hygiene Measures: Emergency equipment nearby and immediately accessible, with instructions for use. Ensure that eyewash stations and safety showers are close to the workstation location. Use clean, well maintained personal protection equipment. Store the personal protection Equipment in a clean location away from the work area. Contaminated work clothing Should not be allowed out of the workplace. Before reuse, thoroughly clean Personal protection equipment. Wash hands before breaks and immediately after Handling the product. Shower or bath at the end of working. When using the product do Not eat, drink, or smoke.

Protective Measures: The protective equipment must be selected in accordance with local standards and In corporation with the supplier of the protective equipment. Selection of appropriate Personal protective equipment should take into account the performance of the Protective equipment relative the task (s) to be performed, conditions present, duration Of use, and the potential hazards and / or risks that may occur during use.

HEALTH	1
FLAMMABILITY	3
REACTIVITY	0
PERSONAL PROTECTION	B

This information provided in this Material Safety Data Sheet is accurate to the best of **Insta Speciality Chemicals** Knowledge. No guarantees or liabilities are expressed or implied. Because users are most aware of the application Of the product, they must ensure that proper personal protective equipment (PPE) is provided consistent with the Information contained in the product Material Safety Data Sheet. This information is intended solely for the use of Individuals trained in the particular hazard rating system. It does not release users from ensuring they are in conformity With all regulations linked to its activity.

MATERIAL SAFETY DATA SHEET

Insta RR – 100



Section 1.	Product and Company Information
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Product:	Insta RR - 100
Product Description:	Rust Remover
Uses of the Substances / Mixture:	Industrial Applications
Company Name:	Insta Speciality Chemicals (An ISO:9001:2008 Company)
Company Address:	“IMRAT”, Galli No. B/23, Dhayarigaon, Pune – 411 041, India
Company Number:	020 - 24392871
Emergency Phone Number:	09422009576 / 08605854130

Section 2.	Composition / Information on Ingredients
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Substance:	CAS No.	Conc. %
Conc. HCl	7647-01-0	< 60
Proprietary Additive	--	< 40

Section 3.	Hazardous Identification
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Label Elements:

Hazardous products that must be listed on the label : Hazardous Corrosive liquid

Precautionary Statements:

General:	None
Prevention:	Wear protective gloves / eye protection / face protection
Response:	Eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing. If exposed or concerned: Immediately call a POISON CENTER or doctor / physician.
Storage:	Store in a tightly closed container at cool & well ventilated area away from strong oxidizing agents and reducing Agents.
Disposal:	Dispose of contents / container in accordance with local, regional, national, and / or International regulations.

Section 4.	First Aid Measures
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Description of necessary first-aid measures

General Advice:	Show this safety data sheet to the doctor in attendance. First aider needs to protect Himself/herself. Place affected clothing in a sealed bag for subsequent decontamination.
Inhalation:	Remove victim to fresh air. Administrator oxygen if breathing is difficult. If victim is not Breathing than give artificial respiration.
Skin Contact:	Immediately flush skin with running water for at least 20 minutes in case of contact with skin. Get medical attention if skin is irritated.
Eye Contact:	Immediately flush eyes with running water for at least 20 minutes in case of contact with Substance. Remove contacts if presents and easy to do.
Ingestion:	Do NOT induce vomiting without medical advice. Drink water as a precaution. Call a Physician or poison control center immediately. Never give anything by mouth to an Unconscious person.

MATERIAL SAFETY DATA SHEET

Insta RR – 100



Section 5. Firefighting Measures

Extinguishing Media

Suitable Extinguishing Media: Not applicable.

Special hazards arising from the substance or mixture

Specific Hazards during Not applicable.

Firefighting:

Flammability of Product Non Flammable

Advice for firefighters

Protective Equipments: Self-contained breathing apparatus, full protective suit

Section 6. Handling and Storage

Handling

Advice on safe handling and usage: Avoid contact with eyes. Do not breathe vapors/dust.

Storage

Recommended: Store in a tightly closed container at cool & well ventilated area away from strong oxidizing agents and reducing Agents. Keep away from Incompatible materials. (Strong alkalies and strong oxidizing agents.)

Section 7. Physical and Chemical Properties

Appearance

Form : Liquid
Physical Status : Liquid
Color : Colourless to Yellow
Odour : Irritating

Safety Data

Water Solubility : Soluble
Flash Point (Open Cup) : Not Applicable
pH : Acidic

Section 8. Stability and Reactivity

Chemical Stability Stable under most conditions.

Hazardous Reactions

Conditions to Avoid: Contact with alkali & water
Materials to Avoid: Strong oxidizing agents, reducing agents

Section 9. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear suitable protective equipment. Do not touch damaged containers or spilled material unless wearing suitable protective clothing.

Methods for cleaning or taking up: Flush with water and place into containers for later disposal for SMALL SPILLS. LARGE SPILLS : Dike far ahead of spills for later disposal. To avoid corrosion problem, do not flush to industrial sewer. Spills may be reportable to local, state, federal, and/or provincial authorities.

Additional Advice: Prevent entry into waterways, sewers, basements, or confined areas.

MATERIAL SAFETY DATA SHEET

Insta RR – 100



Section 10.	Ecological Information
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Environment Assessment: Not classified as dangerous for the environment.

Section 11.	Disposal Considerations
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Advice on Disposal Dispose of in accordance with local regulations
Methodology for treatment of waste rust remover – Neutralize with caustic soda (pH – 6.5 to 9.0).
 Settling is done by addition of alum.

Section 12.	Transportation & Regulatory Information
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TRANSPORTATION Corrosive Material.

Section 13.	Exposure Controls / Personal Protection
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Engineering Measures: Avoid Splashes. Apply technical measures to comply with any occupational exposure Limits when applicable.

Respiratory Protection: In the case of insufficient ventilation, wear suitable respiratory environment.

Hand protection: Wear appropriate gloves. Please observe instructions provided by the glove supplier Regarding permeability and breakthrough time. Also, take into consideration the Specific local conditions under which the product is used, such as danger of cuts, Abrasion and the contact time. Gloves should be discarded and replaced if there is any Indication of degradation or chemical breakthrough.

Eye Protection: Wear safety goggles. In case of contact though splashing: wear face-shield and Protective suit

Skin and Body Protection: Wear appropriate clothing to avoid direct skin contact. Remove and wash contaminated Clothing before wearing again.

Hygiene Measures: Emergency equipment nearby and immediately accessible, with instructions for use. Ensure that eyewash stations and safety showers are close to the workstation location. Use clean, well maintained personal protection equipment. Store the personal protection Equipment in a clean location away from the work area. Contaminated work clothing Should not be allowed out of the workplace. Before reuse, thoroughly clean Personal protection equipment. Wash hands before breaks and immediately after Handling the product. Shower or bath at the end of working. When using the product do Not eat, drink, or smoke.

Protective Measures: The protective equipment must be selected in accordance with local standards and In corporation with the supplier of the protective equipment. Selection of appropriate Personal protective equipment should take into account the performance of the Protective equipment relative the task (s) to be performed, conditions present, duration Of use, and the potential hazards and / or risks that may occur during use.

HEALTH	3
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	C

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MATERIAL SAFETY DATA SHEET

Insta MS – 5089



Section 1. Product and Company Information

Product: Insta MS - 5089
Product Description: Mill Sanitation
Uses of the Substances / Mixture: Industrial Applications
Company Name: **Insta Speciality Chemicals**
(An ISO:9001:2008 Company)
Company Address: "IMRAT", Galli No. B/23, Dhayarigaon,
Pune – 411 041, India
Company Number: 020 - 24392871
Emergency Phone Number: 09422009576 / 08605854130

Section 2. Composition / Information on Ingredients

Substance:	CAS No.	Conc. %
Quaternary Ammonia Compound	8001-54-5	< 10
Caustic Soda	1310-73-2	< 1
Water	7732-18-5	Balance
Proprietary Additive	--	< 10

Section 3. Hazardous Identification

Label Elements:

Hazardous products that must be listed on the label : None

Precautionary Statements:

General: None
Prevention: Wear protective gloves / eye protection / face protection
Response: Eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing. If exposed or concerned: Immediately call a POISON CENTER or doctor / physician.
Storage: Store in a tightly closed container at cool & well ventilated area away from strong oxidizing agents and reducing Agents.
Disposal: Dispose of contents / container in accordance with local, regional, national, and / or International regulations.

Section 4. First Aid Measures

Description of necessary first-aid measures

General Advice: Show this safety data sheet to the doctor in attendance. First aider needs to protect Himself/herself. Place affected clothing in a sealed bag for subsequent decontamination.
Inhalation: Remove victim to fresh air. Administrator oxygen if breathing is difficult. If victim is not Breathing than give artificial respiration.
Skin Contact: Immediately flush skin with running water for at least 20 minutes in case of contact with skin. Get medical attention if skin is irritated.
Eye Contact: Immediately flush eyes with running water for at least 20 minutes in case of contact with Substance. Remove contacts if presents and easy to do.
Ingestion: Do NOT induce vomiting without medical advice. Drink water as a precaution. Call a Physician or poison control center immediately. Never give anything by mouth to an Unconscious person.

MATERIAL SAFETY DATA SHEET

Insta MS – 5089



Section 5. Firefighting Measures

Extinguishing Media

Suitable Extinguishing Media: Not applicable.

Special hazards arising from the substance or mixture

Specific Hazards during Not applicable.

Firefighting:

Flammability of Product Non Flammable

Advice for firefighters

Protective Equipments: Self-contained breathing apparatus, full protective suit

Section 6. Handling and Storage

Handling

Advice on safe handling and usage: Avoid contact with eyes. Do not breathe vapors/dust.

Storage

Recommended: Store in a tightly closed container at cool & well ventilated area away from strong oxidizing agents and reducing Agents. Keep away from Incompatible materials.

Section 7. Physical and Chemical Properties

Appearance

Form : Liquid
Physical Status : Liquid
Color : Colourless to Yellow

Safety Data

Water Solubility : Soluble
Flash Point (Open Cup) : Not Applicable
pH : Neutral
Viscosity in cps : Below 15

Section 8. Stability and Reactivity

Chemical Stability Stable under most conditions.

Hazardous Reactions

Conditions to Avoid: Contact with Oxidizing & reducing Agents.

Materials to Avoid: Strong oxidizing agents, reducing agents

Section 9. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear suitable protective equipment. Do not touch damaged containers or spilled material unless wearing suitable protective clothing.

Methods for cleaning or taking up: Flush with water and place into containers for later disposal for SMALL SPILLS. LARGE SPILLS : Dike far ahead of spills for later disposal. To avoid corrosion problem, do not flush to industrial sewer. Spills may be reportable to local, state, federal, and/or provincial authorities.

Additional Advice: Prevent entry into waterways, sewers, basements, or confined areas.

MATERIAL SAFETY DATA SHEET

Insta MS – 5089



Section 10.	Ecological Information
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Environment Assessment: Not classified as dangerous for the environment.

Section 11.	Disposal Considerations
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Advice on Disposal Dispose of in accordance with local regulations

Section 12.	Transportation & Regulatory Information
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TRANSPORTATION Not Applicable.

Section 13.	Exposure Controls / Personal Protection
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Engineering Measures: Avoid Splashes. Apply technical measures to comply with any occupational exposure Limits when applicable.

Respiratory Protection: In the case of insufficient ventilation, wear suitable respiratory environment.

Hand protection: Wear appropriate gloves. Please observe instructions provided by the glove supplier Regarding permeability and breakthrough time. Also, take into consideration the Specific local conditions under which the product is used, such as danger of cuts, Abrasion and the contact time. Gloves should be discarded and replaced if there is any Indication of degradation or chemical breakthrough.

Eye Protection: Wear safety goggles. In case of contact though splashing: wear face-shield and Protective suit

Skin and Body Protection: Wear appropriate clothing to avoid direct skin contact. Remove and wash contaminated Clothing before wearing again.

Hygiene Measures: Emergency equipment nearby and immediately accessible, with instructions for use. Ensure that eyewash stations and safety showers are close to the workstation location. Use clean, well maintained personal protection equipment. Store the personal protection Equipment in a clean location away from the work area. Contaminated work clothing Should not be allowed out of the workplace. Before reuse, thoroughly clean Personal protection equipment. Wash hands before breaks and immediately after Handling the product. Shower or bath at the end of working. When using the product do Not eat, drink, or smoke.

Protective Measures: The protective equipment must be selected in accordance with local standards and In corporation with the supplier of the protective equipment. Selection of appropriate Personal protective equipment should take into account the performance of the Protective equipment relative the task (s) to be performed, conditions present, duration Of use, and the potential hazards and / or risks that may occur during use.

HEALTH	0
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

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MATERIAL SAFETY DATA SHEET

Insta SS – 6675



Section 1. Product and Company Information

Product: Insta SS - 6675
Product Description: Antiscalant
Uses of the Substances / Mixture: Industrial Applications
Company Name: **Insta Speciality Chemicals**
(An ISO:9001:2008 Company)
Company Address: "IMRAT", Galli No. B/23, Dhayarigaon,
Pune – 411 041, India
Company Number: 020 - 24392871
Emergency Phone Number: 09422009576 / 08605854130

Section 2. Composition / Information on Ingredients

Substance:	CAS No.	Conc. %
HEDP 60%	2809-21-4	< 20
Water	7732-18-5	Balance
Proprietary Additives	--	< 60

Section 3. Hazardous Identification

Label Elements:

Hazardous products that must be listed on the label : Hazardous Corrosive liquid

Precautionary Statements:

General: None
Prevention: Wear protective gloves / eye protection / face protection
Response: Eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing. If exposed or concerned: Immediately call a POISON CENTER or doctor / physician.
Storage: Store in a tightly closed container at cool & well ventilated area away from strong oxidizing agents and reducing Agents.
Disposal: Dispose of contents / container in accordance with local, regional, national, and / or International regulations.

Section 4. First Aid Measures

Description of necessary first-aid measures

General Advice: Show this safety data sheet to the doctor in attendance. First aider needs to protect Himself/herself. Place affected clothing in a sealed bag for subsequent decontamination.
Inhalation: Remove victim to fresh air. Administrator oxygen if breathing is difficult. If victim is not Breathing than give artificial respiration.
Skin Contact: Immediately flush skin with running water for at least 20 minutes in case of contact with skin. Get medical attention if skin is irritated.
Eye Contact: Immediately flush eyes with running water for at least 20 minutes in case of contact with Substance. Remove contacts if presents and easy to do.
Ingestion: Do NOT induce vomiting without medical advice. Drink water as a precaution. Call a Physician or poison control center immediately. Never give anything by mouth to an Unconscious person.

MATERIAL SAFETY DATA SHEET

Insta SS – 6675



Section 5. Firefighting Measures

Extinguishing Media

Suitable Extinguishing Media: Not applicable.

Special hazards arising from the substance or mixture

Specific Hazards during Not applicable.

Firefighting:

Flammability of Product Non Flammable

Advice for firefighters

Protective Equipments: Self-contained breathing apparatus, full protective suit

Section 6. Handling and Storage

Handling

Advice on safe handling and usage: Avoid contact with eyes. Do not breathe vapors/dust.

Storage

Recommended: Store in a tightly closed container at cool & well ventilated area away from strong oxidizing agents and reducing Agents. Keep away from Incompatible materials. (Strong alkalies and strong oxidizing agents.)

Section 7. Physical and Chemical Properties

Appearance

Form : Liquid
Physical Status : Liquid
Color : Colourless to Yellow
Odour : Characteristic

Safety Data

Water Solubility : Soluble
Flash Point (Open Cup) : Not Applicable
pH : 4 - 6

Section 8. Stability and Reactivity

Chemical Stability Stable under most conditions.

Hazardous Reactions

Conditions to Avoid: Contact with alkali & water
Materials to Avoid: Strong oxidizing agents, reducing agents

Section 9. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear suitable protective equipment. Do not touch damaged containers or spilled material unless wearing suitable protective clothing.

Methods for cleaning or taking up: Flush with water and place into containers for later disposal for SMALL SPILLS. LARGE SPILLS : Dike far ahead of spills for later disposal. To avoid corrosion problem, do not flush to industrial sewer. Spills may be reportable to local, state, federal, and/or provincial authorities.

Additional Advice: Prevent entry into waterways, sewers, basements, or confined areas.

MATERIAL SAFETY DATA SHEET

Insta SS – 6675



Section 10.	Ecological Information
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Environment Assessment: Not classified as dangerous for the environment.

Section 11.	Disposal Considerations
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Advice on Disposal Dispose of in accordance with local regulations

Section 12.	Transportation & Regulatory Information
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TRANSPORTATION Corrosive Material.

Section 13.	Exposure Controls / Personal Protection
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Engineering Measures: Avoid Splashes. Apply technical measures to comply with any occupational exposure Limits when applicable.

Respiratory Protection: In the case of insufficient ventilation, wear suitable respiratory environment.

Hand protection: Wear appropriate gloves. Please observe instructions provided by the glove supplier Regarding permeability and breakthrough time. Also, take into consideration the Specific local conditions under which the product is used, such as danger of cuts, Abrasion and the contact time. Gloves should be discarded and replaced if there is any Indication of degradation or chemical breakthrough.

Eye Protection: Wear safety goggles. In case of contact though splashing: wear face-shield and Protective suit

Skin and Body Protection: Wear appropriate clothing to avoid direct skin contact. Remove and wash contaminated Clothing before wearing again.

Hygiene Measures: Emergency equipment nearby and immediately accessible, with instructions for use. Ensure that eyewash stations and safety showers are close to the workstation location. Use clean, well maintained personal protection equipment. Store the personal protection Equipment in a clean location away from the work area. Contaminated work clothing Should not be allowed out of the workplace. Before reuse, thoroughly clean Personal protection equipment. Wash hands before breaks and immediately after Handling the product. Shower or bath at the end of working. When using the product do Not eat, drink, or smoke.

Protective Measures: The protective equipment must be selected in accordance with local standards and In corporation with the supplier of the protective equipment. Selection of appropriate Personal protective equipment should take into account the performance of the Protective equipment relative the task (s) to be performed, conditions present, duration Of use, and the potential hazards and / or risks that may occur during use.

HEALTH	3
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

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MATERIAL SAFETY DATA SHEET

Insta SS – 2050



Section 1.	Product and Company Information
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Product:	Insta SS - 2050
Product Description:	Scale Softener
Uses of the Substances / Mixture:	Industrial Applications
Company Name:	Insta Speciality Chemicals (An ISO:9001:2008 Company)
Company Address:	“IMRAT”, Galli No. B/23, Dhayarigaon, Pune – 411 041, India
Company Number:	020 - 24392871
Emergency Phone Number:	09422009576 / 08605854130

Section 2.	Composition / Information on Ingredients
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Substance:	CAS No.	Conc. %
HEDP 60%	2809-21-4	< 5
Water	7732-18-5	Balance
Proprietary Additives	--	< 40

Section 3.	Hazardous Identification
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Label Elements:

Hazardous products that must be listed on the label : Hazardous Corrosive liquid

Precautionary Statements:

General: None

Prevention: Wear protective gloves / eye protection / face protection

Response: Eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing. If exposed or concerned: Immediately call a POISON CENTER or doctor / physician.

Storage: Store in a tightly closed container at cool & well ventilated area away from strong oxidizing agents and reducing Agents.

Disposal: Dispose of contents / container in accordance with local, regional, national, and / or International regulations.

Section 4.	First Aid Measures
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Description of necessary first-aid measures

General Advice: Show this safety data sheet to the doctor in attendance. First aider needs to protect Himself/herself. Place affected clothing in a sealed bag for subsequent decontamination.

Inhalation: Remove victim to fresh air. Administrator oxygen if breathing is difficult. If victim is not Breathing than give artificial respiration.

Skin Contact: Immediately flush skin with running water for at least 20 minutes in case of contact with skin. Get medical attention if skin is irritated.

Eye Contact: Immediately flush eyes with running water for at least 20 minutes in case of contact with Substance. Remove contacts if presents and easy to do.

Ingestion: Do NOT induce vomiting without medical advice. Drink water as a precaution. Call a Physician or poison control center immediately. Never give anything by mouth to an Unconscious person.

MATERIAL SAFETY DATA SHEET

Insta SS – 2050



Section 5. Firefighting Measures

Extinguishing Media

Suitable Extinguishing Media: Not applicable.

Special hazards arising from the substance or mixture

Specific Hazards during Not applicable.

Firefighting:

Flammability of Product Non Flammable

Advice for firefighters

Protective Equipments: Self-contained breathing apparatus, full protective suit

Section 6. Handling and Storage

Handling

Advice on safe handling and usage: Avoid contact with eyes. Do not breathe vapors/dust.

Storage

Recommended: Store in a tightly closed container at cool & well ventilated area away from strong oxidizing agents and reducing Agents. Keep away from Incompatible materials. (Strong alkalies and strong oxidizing agents.)

Section 7. Physical and Chemical Properties

Appearance

Form : Liquid
Physical Status : Liquid
Color : Colourless to Yellow
Odour : Characteristic

Safety Data

Water Solubility : Soluble
Flash Point (Open Cup) : Not Applicable
pH : 6 - 8

Section 8. Stability and Reactivity

Chemical Stability Stable under most conditions.

Hazardous Reactions

Conditions to Avoid: Contact with alkali & water
Materials to Avoid: Strong oxidizing agents, reducing agents

Section 9. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear suitable protective equipment. Do not touch damaged containers or spilled material unless wearing suitable protective clothing.

Methods for cleaning or taking up: Flush with water and place into containers for later disposal for SMALL SPILLS. LARGE SPILLS : Dike far ahead of spills for later disposal. To avoid corrosion problem, do not flush to industrial sewer. Spills may be reportable to local, state, federal, and/or provincial authorities.

Additional Advice: Prevent entry into waterways, sewers, basements, or confined areas.

MATERIAL SAFETY DATA SHEET

Insta SS – 2050



Section 10.	Ecological Information
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Environment Assessment: Not classified as dangerous for the environment.

Section 11.	Disposal Considerations
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Advice on Disposal Dispose of in accordance with local regulations

Section 12.	Transportation & Regulatory Information
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TRANSPORTATION Corrosive Material.

Section 13.	Exposure Controls / Personal Protection
--------------------	--

Engineering Measures: Avoid Splashes. Apply technical measures to comply with any occupational exposure Limits when applicable.

Respiratory Protection: In the case of insufficient ventilation, wear suitable respiratory environment.

Hand protection: Wear appropriate gloves. Please observe instructions provided by the glove supplier Regarding permeability and breakthrough time. Also, take into consideration the Specific local conditions under which the product is used, such as danger of cuts, Abrasion and the contact time. Gloves should be discarded and replaced if there is any Indication of degradation or chemical breakthrough.

Eye Protection: Wear safety goggles. In case of contact though splashing: wear face-shield and Protective suit

Skin and Body Protection: Wear appropriate clothing to avoid direct skin contact. Remove and wash contaminated Clothing before wearing again.

Hygiene Measures: Emergency equipment nearby and immediately accessible, with instructions for use. Ensure that eyewash stations and safety showers are close to the workstation location. Use clean, well maintained personal protection equipment. Store the personal protection Equipment in a clean location away from the work area. Contaminated work clothing Should not be allowed out of the workplace. Before reuse, thoroughly clean Personal protection equipment. Wash hands before breaks and immediately after Handling the product. Shower or bath at the end of working. When using the product do Not eat, drink, or smoke.

Protective Measures: The protective equipment must be selected in accordance with local standards and In corporation with the supplier of the protective equipment. Selection of appropriate Personal protective equipment should take into account the performance of the Protective equipment relative the task (s) to be performed, conditions present, duration Of use, and the potential hazards and / or risks that may occur during use.

HEALTH	3
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

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MATERIAL SAFETY DATA SHEET

Insta Fire Aid – 504



Section 1.	Product and Company Information
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Product:	Insta Fire Aid - 504
Product Description:	Boiler Aid
Uses of the Substances / Mixture:	Industrial Applications
Company Name:	Insta Speciality Chemicals (An ISO:9001:2008 Company)
Company Address:	“IMRAT”, Galli No. B/23, Dhayarigaon, Pune – 411 041, India
Company Number:	020 - 24392871
Emergency Phone Number:	09422009576 / 08605854130

Section 2.	Composition / Information on Ingredients
-------------------	---

Substance:	CAS No.	Conc. %
Sodium Sulphite	7757-83-7	< 60
Proprietary Additive	--	< 20
Proprietary Stabilizer	--	< 20

Section 3.	Hazardous Identification
-------------------	---------------------------------

Label Elements:

Hazardous products that must be listed on the label : None

Precautionary Statements:

General: None

Prevention: Wear protective gloves / eye protection / face protection

Response: Eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing. If exposed or concerned: Immediately call a POISON CENTER or doctor / physician.

Storage: Store in a tightly closed container at cool, dry & well ventilated area away from strong Oxidizing agents and reducing Agents.

Disposal: Dispose of contents / container in accordance with local, regional, national, and / or International regulations.

Section 4.	First Aid Measures
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Description of necessary first-aid measures

General Advice: Show this safety data sheet to the doctor in attendance. First aider needs to protect Himself/herself. Place affected clothing in a sealed bag for subsequent decontamination.

Inhalation: Remove victim to fresh air. Administrator oxygen if breathing is difficult. If victim is not Breathing than give artificial respiration.

Skin Contact: Immediately flush skin with running water for at least 20 minutes in case of contact with skin. Get medical attention if skin is irritated.

Eye Contact: Immediately flush eyes with running water for at least 20 minutes in case of contact with Substance. Remove contacts if presents and easy to do.

Ingestion: Do NOT induce vomiting without medical advice. Drink water as a precaution. Call a Physician or poison control center immediately. Never give anything by mouth to an Unconscious person.

MATERIAL SAFETY DATA SHEET

Insta Fire Aid – 504



Section 5. Firefighting Measures

Extinguishing Media

Suitable Extinguishing Media: Not applicable.

Special hazards arising from the substance or mixture

Specific Hazards during Firefighting: Not applicable.

Flammability of Product: Non Flammable

Advice for firefighters

Protective Equipments: Self-contained breathing apparatus, full protective suit

Section 6. Handling and Storage

Handling

Advice on safe handling and usage: Avoid contact with eyes. Do not breathe vapors/dust.

Storage

Recommended: Store in a tightly closed container at cool, dry & well ventilated area. Away from strong oxidizing agents and reducing Agents. Keep away from Incompatible materials. Product is moisture & air sensitive.

Section 7. Physical and Chemical Properties

Appearance

Form : Powder Solid
Physical Status : Powder Solid
Color : Grayish white

Safety Data

Water Solubility : Soluble
Flash Point (Open Cup) : Not Applicable
pH : Above 9

Section 8. Stability and Reactivity

Chemical Stability: Stable under most conditions.

Hazardous Reactions

Conditions to Avoid: Contact with Oxidizing & reducing Agents.

Materials to Avoid: Strong oxidizing agents, reducing agents

Section 9. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear suitable protective equipment. Do not touch damaged containers or spilled material unless wearing suitable protective clothing.

Methods for cleaning or taking up: Flush with water and place into containers for later disposal for SMALL SPILLS. LARGE SPILLS : Dike far ahead of spills for later disposal. To avoid corrosion problem, do not flush to industrial sewer. Spills may be reportable to local, state, federal, and/or provincial authorities.

Additional Advice: Prevent entry into waterways, sewers, basements, or confined areas.

MATERIAL SAFETY DATA SHEET

Insta Fire Aid – 504



Section 10.	Ecological Information
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Environment Assessment: Not classified as dangerous for the environment.

Section 11.	Disposal Considerations
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Advice on Disposal Dispose of in accordance with local regulations

Section 12.	Transportation & Regulatory Information
--------------------	--

TRANSPORTATION Not Applicable.

Section 13.	Exposure Controls / Personal Protection
--------------------	--

Engineering Measures: Avoid Splashes. Apply technical measures to comply with any occupational exposure Limits when applicable.

Respiratory Protection: In the case of insufficient ventilation, wear suitable respiratory environment.

Hand protection: Wear appropriate gloves. Please observe instructions provided by the glove supplier Regarding permeability and breakthrough time. Also, take into consideration the Specific local conditions under which the product is used, such as danger of cuts, Abrasion and the contact time. Gloves should be discarded and replaced if there is any Indication of degradation or chemical breakthrough.

Eye Protection: Wear safety goggles. In case of contact though splashing: wear face-shield and Protective suit

Skin and Body Protection: Wear appropriate clothing to avoid direct skin contact. Remove and wash contaminated Clothing before wearing again.

Hygiene Measures: Emergency equipment nearby and immediately accessible, with instructions for use. Ensure that eyewash stations and safety showers are close to the workstation location. Use clean, well maintained personal protection equipment. Store the personal protection Equipment in a clean location away from the work area. Contaminated work clothing Should not be allowed out of the workplace. Before reuse, thoroughly clean Personal protection equipment. Wash hands before breaks and immediately after Handling the product. Shower or bath at the end of working. When using the product do Not eat, drink, or smoke.

Protective Measures: The protective equipment must be selected in accordance with local standards and In corporation with the supplier of the protective equipment. Selection of appropriate Personal protective equipment should take into account the performance of the Protective equipment relative the task (s) to be performed, conditions present, duration Of use, and the potential hazards and / or risks that may occur during use.

HEALTH	0
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	E

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MATERIAL SAFETY DATA SHEET

Insta VR – 1905



Section 1.	Product and Company Information
-------------------	--

Product:	Insta VR - 1905
Product Description:	Viscosity Reducer
Uses of the Substances / Mixture:	Industrial Applications
Company Name:	Insta Speciality Chemicals (An ISO:9001:2008 Company)
Company Address:	“IMRAT”, Galli No. B/23, Dhayarigaon, Pune – 411 041, India
Company Number:	020 - 24392871
Emergency Phone Number:	09422009576 / 08605854130

Section 2.	Composition / Information on Ingredients
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Substance:	CAS No.	Conc. %
Surfactant Blend	--	< 16
Caustic Soda	1310-73-2	< 1
Water	7732-18-5	Balance
Proprietary Additives	--	< 5

Section 3.	Hazardous Identification
-------------------	---------------------------------

Label Elements:

Hazardous products that must be listed on the label : None

Precautionary Statements:

General: None

Prevention: Wear protective gloves / eye protection / face protection

Response: Eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing. If exposed or concerned: Immediately call a POISON CENTER or doctor / physician.

Storage: Store in a tightly closed container at cool & well ventilated area away from strong oxidizing agents and reducing Agents.

Disposal: Dispose of contents / container in accordance with local, regional, national, and / or International regulations.

Section 4.	First Aid Measures
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Description of necessary first-aid measures

General Advice: Show this safety data sheet to the doctor in attendance. First aider needs to protect Himself/herself. Place affected clothing in a sealed bag for subsequent decontamination.

Inhalation: Remove victim to fresh air. Administrator oxygen if breathing is difficult. If victim is not Breathing than give artificial respiration.

Skin Contact: Immediately flush skin with running water for at least 20 minutes in case of contact with skin. Get medical attention if skin is irritated.

Eye Contact: Immediately flush eyes with running water for at least 20 minutes in case of contact with Substance. Remove contacts if presents and easy to do.

Ingestion: Do NOT induce vomiting without medical advice. Drink water as a precaution. Call a Physician or poison control center immediately. Never give anything by mouth to an Unconscious person.

MATERIAL SAFETY DATA SHEET

Insta VR – 1905



Section 5.	Firefighting Measures
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Extinguishing Media

Suitable Extinguishing Media: Not applicable.

Special hazards arising from the substance or mixture

Specific Hazards during Not applicable.

Firefighting:

Flammability of Product Non Flammable

Advice for firefighters

Protective Equipments: Self-contained breathing apparatus, full protective suit

Section 6.	Handling and Storage
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Handling

Advice on safe handling and usage: Avoid contact with eyes. Do not breathe vapors/dust.

Storage

Recommended: Store in a tightly closed container at cool & well ventilated area away from strong oxidizing agents and reducing Agents. Keep away from Incompatible materials.

Section 7.	Physical and Chemical Properties
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Appearance

Form : Liquid
Physical Status : Liquid
Color : Colourless to Yellow

Safety Data

Water Solubility : Soluble
Flash Point (Open Cup) : Not Applicable
pH : Neutral
Viscosity in cps : Below 15

Section 8.	Stability and Reactivity
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Chemical Stability Stable under most conditions.

Hazardous Reactions

Conditions to Avoid: Contact with Oxidizing & reducing Agents.

Materials to Avoid: Strong oxidizing agents, reducing agents

Section 9.	Accidental Release Measures
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Personal precautions, protective equipment and emergency procedures: Wear suitable protective equipment. Do not touch damaged containers or spilled material unless wearing suitable protective clothing.

Methods for cleaning or taking up: Flush with water and place into containers for later disposal for SMALL SPILLS. LARGE SPILLS : Dike far ahead of spills for later disposal. To avoid corrosion problem, do not flush to industrial sewer. Spills may be reportable to local, state, federal, and/or provincial authorities.

Additional Advice: Prevent entry into waterways, sewers, basements, or confined areas.

MATERIAL SAFETY DATA SHEET

Insta VR – 1905



Section 10.	Ecological Information
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Environment Assessment: Not classified as dangerous for the environment.

Section 11.	Disposal Considerations
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Advice on Disposal Dispose of in accordance with local regulations

Section 12.	Transportation & Regulatory Information
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TRANSPORTATION Not Applicable.

Section 13.	Exposure Controls / Personal Protection
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Engineering Measures: Avoid Splashes. Apply technical measures to comply with any occupational exposure Limits when applicable.

Respiratory Protection: In the case of insufficient ventilation, wear suitable respiratory environment.

Hand protection: Wear appropriate gloves. Please observe instructions provided by the glove supplier Regarding permeability and breakthrough time. Also, take into consideration the Specific local conditions under which the product is used, such as danger of cuts, Abrasion and the contact time. Gloves should be discarded and replaced if there is any Indication of degradation or chemical breakthrough.

Eye Protection: Wear safety goggles. In case of contact though splashing: wear face-shield and Protective suit

Skin and Body Protection: Wear appropriate clothing to avoid direct skin contact. Remove and wash contaminated Clothing before wearing again.

Hygiene Measures: Emergency equipment nearby and immediately accessible, with instructions for use. Ensure that eyewash stations and safety showers are close to the workstation location. Use clean, well maintained personal protection equipment. Store the personal protection Equipment in a clean location away from the work area. Contaminated work clothing Should not be allowed out of the workplace. Before reuse, thoroughly clean Personal protection equipment. Wash hands before breaks and immediately after Handling the product. Shower or bath at the end of working. When using the product do Not eat, drink, or smoke.

Protective Measures: The protective equipment must be selected in accordance with local standards and In corporation with the supplier of the protective equipment. Selection of appropriate Personal protective equipment should take into account the performance of the Protective equipment relative the task (s) to be performed, conditions present, duration Of use, and the potential hazards and / or risks that may occur during use.

HEALTH	0
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

This information provided in this Material Safety Data Sheet is accurate to the best of **Insta Speciality Chemicals** Knowledge. No guarantees or liabilities are expressed or implied. Because users are most aware of the application Of the product, they must ensure that proper personal protective equipment (PPE) is provided consistent with the Information contained in the product Material Safety Data Sheet. This information is intended solely for the use of Individuals trained in the particular hazard rating system. It does not release users from ensuring they are in conformity With all regulations linked to its activity.

MATERIAL SAFETY DATA SHEET

Insta RR – 305



Section 1.	Product and Company Information
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Product:	Insta RR - 305
Product Description:	Rust Remover
Uses of the Substances / Mixture:	Industrial Applications
Company Name:	Insta Speciality Chemicals (An ISO:9001:2008 Company)
Company Address:	“IMRAT”, Galli No. B/23, Dhayarigaon, Pune – 411 041, India
Company Number:	020 - 24392871
Emergency Phone Number:	09422009576 / 08605854130

Section 2.	Composition / Information on Ingredients
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Substance:	CAS No.	Conc. %
Caustic Soda	1310-73-2	< 10
Water	7732-18-5	Balance
Proprietary Additives	--	< 50

Section 3.	Hazardous Identification
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Label Elements:

Hazardous products that must be listed on the label : None

Precautionary Statements:

General: None

Prevention: Wear protective gloves / eye protection / face protection

Response: Eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing. If exposed or concerned: Immediately call a POISON CENTER or doctor / physician.

Storage: Store in a tightly closed container at cool & well ventilated area away from strong oxidizing agents and reducing Agents.

Disposal: Dispose of contents / container in accordance with local, regional, national, and / or International regulations.

Section 4.	First Aid Measures
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Description of necessary first-aid measures

General Advice: Show this safety data sheet to the doctor in attendance. First aider needs to protect Himself/herself. Place affected clothing in a sealed bag for subsequent decontamination.

Inhalation: Remove victim to fresh air. Administrator oxygen if breathing is difficult. If victim is not Breathing than give artificial respiration.

Skin Contact: Immediately flush skin with running water for at least 20 minutes in case of contact with skin. Get medical attention if skin is irritated.

Eye Contact: Immediately flush eyes with running water for at least 20 minutes in case of contact with Substance. Remove contacts if presents and easy to do.

Ingestion: Do NOT induce vomiting without medical advice. Drink water as a precaution. Call a Physician or poison control center immediately. Never give anything by mouth to an Unconscious person.

MATERIAL SAFETY DATA SHEET

Insta RR – 305



Section 5. Firefighting Measures

Extinguishing Media

Suitable Extinguishing Media: Not applicable.

Special hazards arising from the substance or mixture

Specific Hazards during Not applicable.

Firefighting:

Flammability of Product Non Flammable

Advice for firefighters

Protective Equipments: Self-contained breathing apparatus, full protective suit

Section 6. Handling and Storage

Handling

Advice on safe handling and usage: Avoid contact with eyes. Do not breathe vapors/dust.

Storage

Recommended: Store in a tightly closed container at cool & well ventilated area.

Section 7. Physical and Chemical Properties

Appearance

Form : Liquid
Physical Status : Liquid
Color : Colourless
Odour : No Smell

Safety Data

Water Solubility : Soluble
Flash Point (Open Cup) : Not Applicable
pH : Slightly Acidic (3 to 4)

Section 8. Stability and Reactivity

Chemical Stability Stable under most conditions.

Hazardous Reactions

Conditions to Avoid: Contact with alkali

Materials to Avoid: Not Applicable

Section 9. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear suitable protective equipment. Do not touch damaged containers or spilled material unless wearing suitable protective clothing.

Methods for cleaning or taking up: Flush with water and place into containers for later disposal for SMALL SPILLS. LARGE SPILLS : Dike far ahead of spills for later disposal. To avoid corrosion problem, do not flush to industrial sewer. Spills may be reportable to local, state, federal, and/or provincial authorities.

Additional Advice: Prevent entry into waterways, sewers, basements, or confined areas.

MATERIAL SAFETY DATA SHEET

Insta RR – 305



Section 10.	Ecological Information
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Environment Assessment: Not classified as dangerous for the environment.

Section 11.	Disposal Considerations
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Advice on Disposal Dispose of in accordance with local regulations
Methodology for treatment of waste rust remover – Neutralize with caustic soda (pH – 6.5 to 9.0).
 Settling is done by addition of alum.

Section 12.	Transportation & Regulatory Information
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TRANSPORTATION --

Section 13.	Exposure Controls / Personal Protection
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Engineering Measures: Avoid Splashes. Apply technical measures to comply with any occupational exposure Limits when applicable.

Respiratory Protection: In the case of insufficient ventilation, wear suitable respiratory environment.

Hand protection: Wear appropriate gloves. Please observe instructions provided by the glove supplier Regarding permeability and breakthrough time. Also, take into consideration the Specific local conditions under which the product is used, such as danger of cuts, Abrasion and the contact time. Gloves should be discarded and replaced if there is any Indication of degradation or chemical breakthrough.

Eye Protection: Wear safety goggles. In case of contact though splashing: wear face-shield and Protective suit

Skin and Body Protection: Wear appropriate clothing to avoid direct skin contact. Remove and wash contaminated Clothing before wearing again.

Hygiene Measures: Emergency equipment nearby and immediately accessible, with instructions for use. Ensure that eyewash stations and safety showers are close to the workstation location. Use clean, well maintained personal protection equipment. Store the personal protection Equipment in a clean location away from the work area. Contaminated work clothing Should not be allowed out of the workplace. Before reuse, thoroughly clean Personal protection equipment. Wash hands before breaks and immediately after Handling the product. Shower or bath at the end of working. When using the product do Not eat, drink, or smoke.

Protective Measures: The protective equipment must be selected in accordance with local standards and In corporation with the supplier of the protective equipment. Selection of appropriate Personal protective equipment should take into account the performance of the Protective equipment relative the task (s) to be performed, conditions present, duration Of use, and the potential hazards and / or risks that may occur during use.

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	C

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MATERIAL SAFETY DATA SHEET

Insta – 60



Section 1. Product and Company Information

Product: Insta - 60
Product Description: Multi use Product
Uses of the Substances / Mixture: Industrial Applications
Company Name: **Insta Speciality Chemicals**
(An ISO:9001:2008 Company)
Company Address: "IMRAT", Galli No. B/23, Dhayarigaon,
Pune – 411 041, India
Company Number: 020 - 24392871
Emergency Phone Number: 09422009576 / 08605854130

Section 2. Composition / Information on Ingredients

Substance:	CAS No.	Conc. %
Mineral Oil	8042-47-5	> 70
Proprietary Additive	--	< 30

Section 3. Hazardous Identification

Label Elements:

Hazardous products that must be listed on the label : **None**

Precautionary Statements:

General: None
Prevention: Wear protective gloves / eye protection / face protection
Response: Eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing. If exposed or concerned: Immediately call a POISON CENTER or doctor / physician.
Storage: Store in a closed container at room temp. away from strong oxidizing agents and reducing Agents.
Disposal: Dispose of contents / container in accordance with local, regional, national, and / or International regulations.

Section 4. First Aid Measures

Description of necessary first-aid measures

General Advice: Show this safety data sheet to the doctor in attendance. First aider needs to protect Himself/herself. Place affected clothing in a sealed bag for subsequent decontamination.
Inhalation: Remove victim to fresh air. Administrator oxygen if breathing is difficult. If victim is not Breathing than give artificial respiration.
Skin Contact: Immediately flush skin with running water for at least 20 minutes in case of contact with skin. Get medical attention if skin is irritated.
Eye Contact: Immediately flush eyes with running water for at least 20 minutes in case of contact with Substance. Remove contacts if presents and easy to do.
Ingestion: Do NOT induce vomiting without medical advice. Drink water as a precaution. Call a Physician or poison control center immediately. Never give anything by mouth to an Unconscious person.

MATERIAL SAFETY DATA SHEET

Insta – 60



Section 5. Firefighting Measures

Extinguishing Media

Suitable Extinguishing Media: H₂O Spray CO₂, Dry Chemical, BC/ABC Extinguishers

Special hazards arising from the substance or mixture

Specific Hazards during Firefighting: There is a risk of a build-up of pressure in hermetically sealed containers or Tanks when heating. On combustion forms carbon monoxide, Carbon dioxide, potassium oxide, highly flammable gas is released, This increases fire / explosion hazards.

Flammability of Product Flammable

Advice for firefighters

Protective Equipments: Self-contained breathing apparatus, full protective suit

Section 6. Handling and Storage

Handling

Advice on safe handling and usage: Avoid contact with eyes. Do not breathe vapors/dust.

Storage

Recommended: Store at room temp. Keep container tightly closed when not in use. Keep away from heat and sources of ignition.

Section 7. Physical and Chemical Properties

Appearance

Form : Liquid
Physical Status : Liquid
Color : Light Yellow

Safety Data

Water Solubility : Insoluble
Boiling Point : > 100 °C
Viscosity in cst : 2 - 4
Flash Point (Tag Open Cup) : > 45

Section 8. Stability and Reactivity

Chemical Stability Stable under most conditions.

Hazardous Reactions

Conditions to Avoid: Prolonged, excessive heat
Materials to Avoid: Strong oxidizing agents, reducing agents

Section 9. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear suitable protective equipment. Do not touch damaged containers or spilled material unless wearing suitable protective clothing.

Methods for cleaning or taking up: Take up with sand or other non-combustible absorbent material and place into containers for later disposal for SMALL SPILLS. LARGE SPILLS : Dike far ahead of spills for later disposal. To avoid gelling and foaming problems, do not use water to flush to industrial sewer. Spills may be reportable to local, state, federal, and/or provincial authorities.

Additional Advice: Prevent entry into waterways, sewers, basements, or confined areas.

MATERIAL SAFETY DATA SHEET

Insta – 60



Section 10.	Ecological Information
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Environment Assessment: Not classified as dangerous for the environment.

Section 11.	Disposal Considerations
--------------------	--------------------------------

Advice on Disposal Dispose of in accordance with local regulations

Section 12.	Transportation & Regulatory Information
--------------------	--

TRANSPORTATION Not Applicable.

Section 13.	Exposure Controls / Personal Protection
--------------------	--

Engineering Measures: Avoid Splashes. Apply technical measures to comply with any occupational exposure Limits when applicable.

Respiratory Protection: In the case of insufficient ventilation, wear suitable respiratory environment.

Hand protection: Wear appropriate gloves. Please observe instructions provided by the glove supplier Regarding permeability and breakthrough time. Also, take into consideration the Specific local conditions under which the product is used, such as danger of cuts, Abrasion and the contact time. Gloves should be discarded and replaced if there is any Indication of degradation or chemical breakthrough.

Eye Protection: Wear safety goggles. In case of contact though splashing: wear face-shield and Protective suit

Skin and Body Protection: Wear appropriate clothing to avoid direct skin contact. Remove and wash contaminated Clothing before wearing again.

Hygiene Measures: Emergency equipment nearby and immediately accessible, with instructions for use. Ensure that eyewash stations and safety showers are close to the workstation location. Use clean, well maintained personal protection equipment. Store the personal protection Equipment in a clean location away from the work area. Contaminated work clothing Should not be allowed out of the workplace. Before reuse, thoroughly clean Personal protection equipment. Wash hands before breaks and immediately after Handling the product. Shower or bath at the end of working. When using the product do Not eat, drink, or smoke.

Protective Measures: The protective equipment must be selected in accordance with local standards and In corporation with the supplier of the protective equipment. Selection of appropriate Personal protective equipment should take into account the performance of the Protective equipment relative the task (s) to be performed, conditions present, duration Of use, and the potential hazards and / or risks that may occur during use.

HEALTH	1
FLAMMABILITY	3
REACTIVITY	0
PERSONAL PROTECTION	B

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