

SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product Name **2508**

Application An environmentally friendly corrosion inhibitor for open and closed cooling systems.

Supplier **ACCEPTA LTD**
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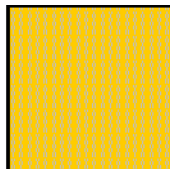
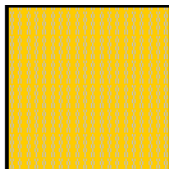
2. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical name | CAS No | % (active) | EINECS-No. | Symbols | R-phrases |
|---|--------------|------------|--------------------|--------------|------------------|
| Caustic soda | 00131 0-73-2 | 1 - 5% | 215-185-5 | C-Corrosive, | R35, , , , |
| Tolyltriazole | 29385-43-1 | 1 - 5% | 249-596-6 | Xn-Harmful, | R20/22, R36, , , |
| 1 -Hydroxy ethylidene-1 ,1 -diphosphonic acid | 2809-21-4 | 5 -10% | 220-552-8 | C-Corrosive, | R34, , , , |
| Sulphonated polymer | | 1 -5% | Polymer not listed | Nil hazard, | , , , , |
| Sodium Molybdate | 7631-95-0 | 5 -15% | 231-551-7 | Nil hazard, | , , , , |

3. HAZARDS IDENTIFICATION

Physical / chemical hazards:

Irritant

Environmental Hazards:
Human health hazards:
8

4. FIRST AID MEASURES

Ingestion: Severely irritating to mouth and gastrointestinal tract.

Wash out mouth with water then drink plenty of water. Do not induce vomiting. Consult doctor and show this datasheet,

Inhalation: No known ill effects

Not applicable

Skin contact: Irritation and redness of skin. Soreness on prolonged contact.

Wash with soap and water. Remove contaminated clothing for washing. Consult doctor in accordance with symptoms.

Eye contact: Severe irritation. Prolonged contact may cause damage.

Immediately rinse eye with sterile water for 20 minutes. Seek medical advice.

Notes to doctor: None

5. FIRE FIGHTING MEASURES

| | |
|---------------------------------|--|
| Flammability: | Non-flammable |
| Extinguishing media: | Water spray jet, extinguishing powder or foam, carbon dioxide . |
| Unsuitable extinguishing media: | None |
| Hazardous decompositions: | Decomposition generates oxides of carbon (CO and CO ₂) and sulphur (SO ₂). |
| Protective equipment: | Protective clothing and self-contained breathing apparatus. |

6. ACCIDENTAL RELEASE MEASURES

| | |
|----------------------------|---|
| Personal precautions: | Wear full protective equipment - gloves, eye/face protection and overalls. Ensure sufficient air supply. |
| Environmental precautions: | Do not allow to enter water courses. |
| Methods of clean up: | Small spillages can be flushed to drain with additional water. Large spillages should be contained. Dilute and neutralise to pH 6-10 with a convenient acid before discharge to drain |

7. HANDLING AND STORAGE

| | |
|-----------------------|---|
| Handling: | Avoid direct contact with product. Before eating, drinking or smoking wash hands with soap and water. |
| Storage: | Store above 10 C. Do not allow to freeze. Ensure that the container is firmly secure when not in use. |
| Shelf life: | >12 months |
| Suitable packaging: | Polyethylene, polypropylene and stainless steel containers. |
| Unsuitable packaging: | Metals and alloys. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| | | | |
|---------------------------------|--|-----|-------------------|
| Exposure limits: Substance: | No materials present that are listed in EH40/2005. | | |
| | Long term WEL (8 Hr): | ppm | mg/m ³ |
| | Short term WEL (15 min): | ppm | mg/m ³ |
| Engineering measures: | None | | |
| Respiratory protection: | Not applicable. | | |
| Skin, hand and body protection: | Overalls, boots and rubber gloves. | | |
| Eye protection: | Chemical goggles or face shield. | | |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-------------------|-------------|-------------------------|-----------------------|
| Form: | Solution | Boiling point (C): | >100 |
| Colour: | Pale orange | Decomposition temp (C): | Decomposes on heating |
| Odour: | Slight | Specific Gravity: | 1.12 |
| Molecular weight: | | Solubility: | Completely miscible |
| pH: | 12 | Flash point (C): | |

10. STABILITY AND REACTIVITY

- Stability: Stable under normal conditions May crystallise below 0 C.
- Thermal decomposition: Decomposition generates oxides of carbon (CO and CO₂) and sulphur (SO₂).
- Conditions to avoid: High temperatures and evaporation of water.
- Materials to avoid: Soft metals (aluminium, zinc etc) and strong acids.
- Hazardous reactions: No known hazardous reactions.
- Decomposition products: Decomposition generates oxides of carbon (CO and CO₂) and sulphur (SO₂).

11. TOXICOLOGICAL INFORMATION (of hazardous constituents)

- Acute toxicity: Oral; Irritant
Dermal: Irritant
Inhalation: Nil hazard
Eye: Irritant
- Other data:

12. ECOLOGICAL INFORMATION

Biodegradability Fully biodegradable.
and persistence:

Ecotoxic effects: The polymers will contribute to the BOD and COD of the receiving waters - no data available.

Other data: Short term harm to aquatic environment through pH effects.

13. DISPOSAL CONSIDERATIONS

Methods of disposal: Small quantities can be disposed of via a foul drain. Larger quantities should be handled by a licensed contractor in accordance with Waste Disposal Regulations.

Packaging disposal: Return empty containers to the supplier for recycling or destroy by cutting up or by incineration. Do not use for potable water.

14. TRANSPORT INFORMATION

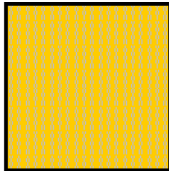
UN No.: N/A Proper shipping name: PROPER SHIPPING NAME - Nil hazard for transport

| Mode | Regulation | Class | Packing group | Ems No. | Stowage | Code | Subsidiary risk |
|-----------|--------------------|-------|---------------|---------|---------|------|-----------------|
| Road/Rail | European - ADR/RID | N/A | N/A | | | | |
| Sea | IMO / IMDG | | | | | | |
| Air | ICAO / IATA | | | | | | |

15. REGULATORY INFORMATION (Classification and labelling according to UK CHIP Regs/EEC Directive 88/379/EEC)

Risk Phrases

R36/38 Irritating to eyes and skin



Safety phrases

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S37/39 Wear suitable gloves and eye/face protection

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

16. OTHER INFORMATION

The above information is based on current knowledge of the product at the time of publication and is given in good faith.

It is believed to be correct but does not purport to be all-inclusive and shall therefore be used only as a guide. ACCEPTA LTD implies no warranty with respect to the quality, specification or the suitability of the product. The client/user must completely satisfy themselves that the product is entirely suitable for the intended purpose.

In no event shall ACCEPTA LTD be held liable for any injury, loss or damage, to persons, plant or equipment or loss of production/sales resulting from its use or storage.

The information contained in this SDS does not constitute an assessment of work place risks. The customer should undertake a formal COSHH assessment which should ensure that employees are aware of the hazards / precautions detailed in the SDS. The COSHH assessment should ensure that the recommended safety equipment is available and where applicable, that the exposure limits detailed in section 8 are not being exceeded.

References: The Carriage of Goods by Road and Rail Regulations.

The Control of Substances Hazardous to Health Regulations (COSHH).

The Chemicals Hazard Information and Packaging Regulations (CHIP).