

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier

Product Name: Steelgard Export Rust Preventive
 Product Code: Eurolube Formula 50
 General Description: Outdoor rust preventive containing citrus

1.2 Relevant Identified uses of the substance or mixture and uses advised against

Identified uses: to protect and prevent metal surfaces from corrosion

1.3 Details of the supplier of the safety data sheet

Name of Supplier: United Resources Marketing Services Pte Ltd
 Address of Supplier: 20 Bukit Batok Crescent
 #05-20 Enterprise Centre
 Singapore 658080
 Telephone: +65 6764 3172 (main)
 Fax: +65 6764 5615
 Email: enquiry@unitedrm.com.sg

1.4 Emergency telephone number: +65 6764 3172

2. HA ZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008 [EU -GHS/CLP] , labelling and packaging of substances and mixtures
- In compliance with T he Dangerous Substances Directive (67/548/EEC)

2.2 Label elements

Pictogram



This product is not classified as Dangerous or Hazardous Substances.

Hazardous Statements

| | |
|------|-------------------------------------|
| H227 | Combustible liquid |
| H303 | May be harmful if swallowed |
| H317 | May cause an allergic skin reaction |
| H320 | Causes eye irritation |

Precautionary Statements

| | |
|-------------------|---|
| P220 | Store locked up/Keep out of reach of children |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection |
| P305+351+338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing |
| P301 + 3330 + 331 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting |
| P302 + 352 | IF ON SKIN: Wash with plenty of soap and water |

1.1 Other hazards

- No information available

2. COMPOSITION / INFORMATION OF INGREDIENTS

Risk phrases in this section apply only to raw material, not necessarily finished product. See Hazards Identification (Section 2).

| Material | Conc % | CAS Number | EC Number | R/H Phrases | Symbols |
|---------------------|--------|------------|-----------|-------------|---------|
| Proprietary Mixture | 100 | - | - | - | - |

3. FIRST AID MEASURES

3.1 Description of first aid measures

- IF ON SKIN: Wash with plenty of soap and water
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
- IF INGESTED: Rinse mouth. Do NOT induce vomiting
- IF INHALED: Not applicable; not a possible route of entry

2.3 Most important symptoms and effects, both acute and delayed

- No known significant effects or critical hazards

4. FIRE FIGHTING MEASURES

4.1 Suitable (and unsuitable) extinguishing media

- Product is combustible
- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide

4.2 Specific hazards arising from the chemical

- Noxious fumes may be evolved if product is involved in a fire.

4.3 Special protective equipment and precautions for fire-fighters

- Wear positive pressure, self-contained breathing apparatus for fire-fighting.

5. ACCIDENTAL RELEASE MEASURES

5.1 Personal precautions, protective equipment and emergency procedures

- Wear personal protective clothing as described in Section 8.3.

5.2 Environmental precautions

- Prevent further leakage or spillage if safe to do so
- Avoid product from entering public sewers and waterways

5.3 Methods and materials for containment and cleaning up

- Collect spillage with absorbents and dispose in suitable hazardous waste container
- Cleanse affected area with plenty of water to prevent slip and fall
- See 'Disposal Considerations' (Section 13)

6. HANDLING AND STORAGE

6.1 Precautions for safe handling

- Wear personal protective clothing as described in Section 8.3
- Avoid contact with skin and eyes
- Eyewash bottles should be available

6.2 Conditions for safe storing, including any incompatibilities

- Store in original container, well-ventilated and at temperatures 10°C – 40°C.
- Store away from direct sunlight
- Store away from foodstuffs and keep out of reach of children.

7. EXPOSURE CONTROLS/ PERSONAL PROTECTION

7.1 Control parameters

- D'limonene [AIHA (TWA) 165.5 mg/m³]
- Distillates (Petroleum), Hydrotreated Light [RCP (TWA) 1200 mg/m³]

7.2 Appropriate engineering controls

- No special ventilation is required but avoid application in enclosed environment. Appropriate respiratory equipment might be needed in such environments.

7.3 Individual protection measures

- Hands protection: Use suitable protective gloves.
- Eyes protection: Wear approved safety goggles.
- Respiratory protection: No specific recommendation, but organic vapour respiratory protection may still be required in exceptional situations when excessive air contamination exists.
- Other protection: Wear appropriate clothing.

Hygiene Measures: Make eyewash and showers accessible. Wash at the end of each work shift and before meals.



Gloves



Coverall



Goggles

8. PHYSICAL & CHEMICAL PROPERTIES

8.1 Information on basic physical and chemical properties

| | |
|------------------|------------------------------------|
| Appearance | White Emulsion |
| Odour | Citrus |
| pH | 5 ± 1 at 100% concentration |
| Flash point | >90°C |
| Flammability | Non-flammable (combustible liquid) |
| Specific gravity | 0.83 ± 0.02 |
| Solubility | Insoluble with water |

9. STABILITY AND REACTIVITY

9.1 Chemical Stability

- This mixture is stable for storage and use under normal conditions for its intended shelf life
- Keep away from strong heat source or prolonged direct sunlight.

9.2 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose. Polymerization will not occur.

9.3 Conditions to avoid

- Avoid overheating.

9.4 Incompatible materials

- Keep away from strong acids and strong oxidising agents. Product efficacy may be affected.

9.5 Hazardous decomposition products

- No hazardous decomposition products known

10. TOXICOLOGICAL INFORMATION

This product has no or low toxicological effects but prolonged contact with skin might cause irritation and dermatitis. Contact with eyes should be limited to mild conjunctivitis however adequate rinsing should be carried out immediately. This product has low toxicity but may cause irritation and stomach upset if ingested.

10.1 Information on toxicological effects

- Not known

10.2 Inhalation

- No adverse effects are anticipated from single exposure to vapour. Irritation may develop under severe exposure.

10.3 Contact with skin

- Prolonged skin contact might result in defatting of the skin, leading to irritation and even dermatitis.

10.4 Contact with eyes

- May cause severe irritation to eyes.

10.5 Ingestion

- No effects for small dosage, large dosages may cause gastro-intestinal disturbances.

11. ECOLOGICAL INFORMATION

11.1 Eco-toxicity

- Mixture is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 >100mg/L in the most sensitive species tested).

11.2 Persistence and degradability

- The components in this mixture are mostly inherently biodegradable

11.3 Bio-accumulative potential

- Bioaccumulation of the components in this product is insignificant

11.4 Mobility in soil

- Insoluble in water

11.5 Other adverse effects

- The components in this mixture are considered to cause low/no aquatic toxicity

12. DISPOSAL CONSIDERATION S

12.1 Disposal of Product

- Product is generally safe to be discharged. Product is intended to be applied on surfaces and should not be discharged directly into waterways
- Disposal should be in accordance with local, state or national legislation

2.4 Disposal of Packaging

- Recycle used containers only if facilities are available else incineration via appropriate facilities is recommended

13. TRANSPORT INFORMATION

13.1 Basic information for transport

- UN Number: 1263
- UN Proper shipping name: Combustible Liquid
- Transport Hazard class(es): Not classified
- Packing group: III
- Marine pollutant (Y/N): N

13.2 Special precautions for user

- Not classified as hazardous for transport

13.3 Other information

14. REGULATORY INFORMATION

14.1 Safety, health and environmental regulations specific for the product

- Regulation (EC) No 1272/2008 [EU -GHS/CLP] , labelling and packaging of substances and mixtures
- The Dangerous Substances Directive (67/548/EEC)
- Regulation (EC) No. 1907/2006

14.2 Safety, health and environmental regulations specific for the product

- No data available

14.3 Chemical Safety Assessment

- No data available

15. OTHER INFORMATION

Data from the following sources have been used to compile this document.

HSE - EH40/93: Occupational exposure limited 1993. Suppliers Health and Safety Data.

HSE - EH29/93: Occupational skin diseases: Health and Safety Precaution

HSC - Safety Data Sheets for substances and preparation dangerous for supply.

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NOTE:

The information presented is accurate to the best of our knowledge. Since any applications and conditions of use are outside of our control, all recommendations and suggestions must be made without guarantee.

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UNITED RESOURCES MARKETING SERVICES PTE LTD
No. 20 BUKIT BATOK CRESCENT # 05 - 02 ENTERPRISE CENTRE
SINGAPORE 658080 E mail : enquiry@unitedm.com.sg
TEL : 065 67643172 / 62678506 / 62678524 FAX : 065 67645615



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