

1. Product and Company Identification

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Product Name Anti Rust Preparation Mixed

Company Details:

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2. Composition / Information on ingredients

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Name of Substance	Cas Number	Wt.%	Symbol
Propylheptanol,ethoxylated	160875-66-1	20 - 30%	
Ethylene glycol monobutyl ether	111-76-2	10-20%	Xn
Non Hazardous Ingredient	Proprietary	50-60	

3. Hazards Identification

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Odour	Sweet
Appearance	Clear liquid, soluble in water
Contact with eyes	Causes severe irritation
Contact with skin	In cases of severe exposure, irritation may develop
Inhalation	Irritating to respiratory system (R37)
Ingestion	The ingestion of significant quantities may cause burning sensation

4. First Aid Measures

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Eye Contact	Immediately hold eyelids apart and flush the eye continuously with running water.Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Transport to hospital or doctor without delay. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	Immediately flush body and clothes with large amounts of water, using safety shower if available.Quickly remove all contaminated clothing, including footwear. Wash skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre.Transport to hospital, or doctor.
Inhalation:	Lay patient down. Keep warm and rested.Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.

Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary. Transport to hospital, or doctor, without delay. Inhalation of vapours or aerosols (mists, fumes) may cause lung oedema. Corrosive substances may cause lung damage (e.g. lung oedema, fluid in the lungs). As this reaction may be delayed up to 24 hours after exposure, affected individuals need complete rest (preferably in semi-recumbent posture) and must be kept under medical observation even if no symptoms are (yet) manifested. Before any such manifestation, the administration of a spray containing a dexamethasone derivative or beclomethasone derivative may be considered.

Ingestion:

For advice, contact a Poisons Information Centre or a doctor at once. Urgent hospital treatment is likely to be needed. If swallowed do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Transport to hospital or doctor without delay.

Notes to Physicians

Treat symptomatically.

5. Fire-fighting Measures

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- Non-combustible liquid
- Smoke from fires is irritating
- In case of fire use extinguishing media appropriate to surrounding conditions
- Prevent run off water from entering drains is possible

6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. Wear suitable personal protective equipment. Respiratory protective equipment.

Environmental Precaution

Do not allow contact with soil, surface or ground water. If the products get into drains, inform the relevant authorities immediately.

Methods and materials for containment and cleaning up

Minor Spill : Drains for storage or use areas should have retention basins for pH adjustments and dilution of spills before discharge or disposal of material. Check regularly for spills and leaks. Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes. Control personal contact with the substance, by using protective equipment.

Major Spill : Clear area of personnel and move upwind. Alert Fire Brigade and tell them location and nature of hazard. Wear full body protective clothing with breathing apparatus.

7. Handling and Storage

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Advice on safe handling

Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area.

Storage

Store in original containers.

Keep containers securely sealed.
Store in a cool, dry, well-ventilated area.

DO NOT use aluminium or galvanised containers
Check regularly for spills and leaks
Lined metal can, lined metal pail/ can. Plastic pail. Polyliner drum.

8. Exposure controls and personal protection

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Exposure Limits

There are no recommended or established controls for this product.

Exposure controls

No special precautions are required for this product. Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended) Wear suitable mask e.g.to BS 2091.

9. Physical and chemical properties

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Appearance

Clear

Physical state

Liquid

Odour

Sweet

Boiling point and boiling range

108°C

Flash Point

72°C

pH

Not Applicable

Water Solubility

Light

Bulk Density

1.1725 kg/m³

10. Stability and reactivity

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- This article is considered stable under normal conditions, In use, may form flammable/explosive vapour-air mixture (R18), Reaction products may include hydrogen

- Avoid overheating

- Incompatible with alkalis (strong bases)

11. Toxicological information

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Toxicological information

LD50 (oral,rat) 3160 mg/kg.

Inhalation

May cause severe irritation May cause shortness of breath.

Contact with skin

May cause irritation.

Contact with eyes

Causes severe irritation.

Ingestion

The ingestion of significant quantities may cause burning sensation .

Carcinogenicity

No evidence of carcinogenic effects.

12. Ecological information

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Ecotoxicity	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R52/53).
Mobility	Completely soluble in water.
Persistence and Biodegradability	Most components in this product are not readily biodegradable.
Bioaccumulation Potential	Bioaccumulation of the components in this product is insignificant.
Other Adverse Effects	No environmental problems are expected when the product is used / handled correctly. In its intended use, the product will not be released into the environment.

13. Disposal considerations

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Remarks	Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.
Waste Disposal	The product should not be allowed to enter drains, water courses or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility

14. Transport information

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UN Number	Not Regulated for Transport
Proper shipping name	Anti Rust Preparation Mixture
Transport hazard class(es)	
ADR/RID	Not Regulated
Subsidiary risk IMDG	Not Regulated
Subsidiary risk IATA	Not Regulated
Packing group	
Packing group	NA
Environmental hazards	
Environmental hazards	No
Marine pollutant	No
ADR/RID	
Hazard ID	NA
Tunnel Category	(E)
IMDG	
EmS Code	NA
IATA	
Packing Instruction (Cargo)	856
Maximum quantity	60 L
Packing Instruction (Passenger)	852
Maximum quantity	5 L

15. Regulatory information

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Regulations

This safety data sheet is in compliance with the following EU legislation and its adaptations - as far as applicable - : 98/24/EC, 92/85/EC, 94/33/EC, 91/689/EEC, 1999/13/EC, Commission Regulation (EU) 2015/830, Regulation (EC) No 1272/2008 and their amendments

Chemical safety assessment

Chemical Safety Assessment not carried out

Further information

FOR INDUSTRIAL USE.

16. Other information

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Other Information

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