

**MATERIAL SAFETY DATA SHEET**

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Revised edition no : 01

P-540 RUST REMOVER

Effective Date: 1-7-2014

1 Identification of the Product and the company

Chemical Name : Rust Remover
Type of product chemical family : N/A
Use : Removing Rust
Producer : TLC-KOYA CHEMICALS MANUFACTURING SDN BHD
No.22 & 23, Jalan Maju 1,
Cemerlang Industrial Estate,
81800 Ulu Tiram, Johor, Malaysia.
Tel: 607-8675798 Fax: 607-8675799
Website: www.koyachemicals.com Email: admin@koyachemicals.com
Emergency phone nr : See producer

2 Hazard Identification

Eyes : Very hazardous in case of eye contact (Corrosive)
Skin : Skin contact may produce burns (Corrosive)
Inhalation : Inhalation may produce severe irritation of respiratory tract.
Ingestion : Very hazardous in case of ingestion. May cause burns to mouth throat and stomach.

3 Composition / Information on Ingredients

Hazardous ingredients : Total strong Acid 30 - 40%
Ammonium Bifluoride 2 - 5%

4 First Aid Measures

On contact with eyes : Immediately flush with plenty of water. Get medical attention immediately.
On skin contact : Immediately flush skin with plenty of water. Remove contaminated clothes. Get medical attention if irritation develops.
If Inhaled : Remove to fresh air. If not breathing give artificial respiration. If breathing is Difficult, give oxygen. If irritation persists get medical attention.
On Ingestion : If swallowed, do not induce vomiting unless to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing. Get medical attention immediately.

5 Fire-Fighting Measures

Suitable extinguishing media : Not Applicable
Hazard during fire fighting : Not Applicable
Special protective equipment / procedures : Not Applicable
Hazard combustion products : Not Applicable

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6 Accidental Release measures

Spillages : Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate water disposal container.

7 Handling and Storage

Advice on safe handling : Do not ingest. Do not breathe vapor or mist.

Advice on storage : Keep container tightly closed. Use only with adequate ventilation. Wash thoroughly after handling.

8 Exposure controls / personal protection

Respiratory Protection : A respirator is not needed under normal and intended conditions of product use.

Hand Protection : Protective gloves should be worn under normal conditions of use.

Eye Protection : Splash goggles.

9 Physical and chemical properties

Physical State : Liquid
Colour : Light Yellow
Odor : -
pH : Acidic
Boiling point deg C : 100°C (212°F)

10 Stability and reactivity

Materials to avoid : Extremely reactive or incompatible with metals, alkalis. Highly reactive with Oxidizing agents.

hazardous decomposition Product : Not Determined

11 Toxicological information

On contact with eyes : None Available
On skin contact : None Available
If inhaled : None Available
On ingestion : None Available
Other Health Hazard Information : None Available

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12 Ecological information

Ecoloxicity : Not Available
Biodegradable : Not Available

13 Disposal Considerations

Product Disposal : Waste must be disposed of in accordance with federal, state and local Environmental control regulation.

14 Transport information

Road / Rail (ADR/RID) : -
Sea Transport (IMDG) : -
Air Transport (ICOA) : -

15 Regulatory Information

Labeling information : According to the local Authority rules and regulation.
Packaging information : According to the local Authority rules and regulation.

16 Other information

Further information : None
Print date : 1-7-2014

N/A - Not Applicable N/D - Not Determined

All recommendations for the use of our products, whether given by us in writing, orally, or to be implied from data or test results obtained by us, are based on the current state of our knowledge at the time such recommendations are made. When additional information is obtained, these recommendations may be updated. They may also be influenced by circumstances outside our control. Notwithstanding such recommendations, the user is responsible to determine that the product as supplied by us, is suitable for the process or purpose he intends to use it. The user of the product is solely for compliance with all laws and regulation applying to the use of the product. Since we cannot control the application, use or processing of the products, we do not accept responsibility therefore. The user shall ensure that the intended use of the products will not infringe in any party's intellectual property rights.

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