

Issue Date: 12-Jun-2015

Review Date: 03-Jan-2018

Version 1

## 1. IDENTIFICATION

**Product Identifier****Product Name** ZAP RUST REMOVER**Other means of identification****SDS #**

ITEM# M-27053

M-27055

M-27057

**Recommended use of the chemical and restrictions on use****Recommended Use** Rust Remover**Details of the supplier of the safety data sheet****Supplier Address**Ashburn Chemical Technologies  
7403 Wright Rd  
Houston, TX 77041**Emergency Telephone Number****Company Phone Number**

832-399-1000

**Emergency Telephone (24 hr)**

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** transparent liquid**Odor** Mild**Classification**

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Hazardous Products Regulation (WHMIS 2015)

**Signal Word** NO SIGNAL WORD**Symbol** NO SYMBOL**Hazard Statements** NO HAZARD STATEMENTS**Precautionary Statements** N/A**Emergency Overview** N/A**Hazard Not Otherwise Classified (HNOC)**

Cause mild skin irritation

**Supplemental Information**

Low hazard for usual industrial or commercial handling

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is not hazardous according to OSHA 29 CFR 1910.1200. Component not listed are not hazardous or are at below reportable limits.

## 4. FIRST-AID MEASURES

**First Aid Measures**

|                       |  |
|-----------------------|--|
| <b>General Advice</b> | Provide this SDS to medical personnel for treatment.   |
| <b>Eye Contact</b>    | Flush immediately with plenty of water for 15 minutes. If irritation persists, see physician.      |
| <b>Skin Contact</b>   | Wash contact areas with soap and water. If skin irritation occurs: Get medical advice/attention.   |
| <b>Inhalation</b>     | Remove from further exposure. Seek medical assistance  |
| <b>Ingestion</b>      | Rinse mouth. Do not induce vomiting without medical advice. If symptoms persist, call a physician. |

**Most important symptoms and effects**

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | No significant symptoms are expected due to the non-classification of the product.<br>No hazard is expected under intended use and appropriate handling.<br>See SECTION 11 for delayed and chronic effects. |
|-----------------|---|

**Indication of any immediate medical attention and special treatment needed**

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

**5. FIRE-FIGHTING MEASURES**

|  |  |
|--|--|
| <b>Suitable Extinguishing Media</b>                            | Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.  |
| <b>Unsuitable Extinguishing Media</b>                          | None known.  |
| <b>Combustion Products/<br/>Specific Hazards</b>               | Not determined.  |
| <b>Protective equipment /<br/>Precautions for firefighters</b> | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. |

**6. ACCIDENTAL RELEASE MEASURES**

|                                  |   |
|----------------------------------|---|
| <b>Personal Precautions</b>      | Avoid contact with skin or eyes.<br>See SECTION 8 for Personal Protective Equipment.  |
| <b>Environmental Precautions</b> | Prevent entry into waterways, rivers, lakes, sewers, basements or confined areas.<br>See SECTION 12 for Ecological Information.   |
| <b>Methods for Clean-Up</b>      | Sweep up absorbed material and shovel into suitable containers for disposal.<br>If the product contaminates rivers and lakes or drains inform respective authorities.<br>Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations.<br>See SECTION 13 for Waste Disposal. |

**7. HANDLING AND STORAGE**

|                                |   |
|--------------------------------|---|
| <b>Advice on Safe Handling</b> | Handle in accordance with good industrial hygiene and safety practice.<br>Wash face, hands, and any exposed skin thoroughly after handling.<br>See SECTION 8 for Personal Protection.<br>See SECTION 2 for Precaution Statements. |
|--------------------------------|---|

|                               |  |
|-------------------------------|--|
| <b>Storage Conditions</b>     | Keep container tightly closed and store in a cool, dry and well-ventilated place.<br>Do not store in open or unlabeled containers. |
| <b>Incompatible Materials</b> | Store away from heat and open flame. Storage temperature 5-40°C (41-104°F).<br>None-known.   |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

|   |  |
|---|--|
| <b>Exposure Guidelines</b>              | No exposure limits noted for ingredient(s),  |
| <b>Appropriate Engineering Controls</b> | Not determined.  |
| <b>Personal Protective Equipment</b>    |  |
| <b>Eye/Face Protection</b>              | If contact is likely, safety glasses are recommended.  |
| <b>Skin and Body Protection</b>         | Wear suitable protective clothing and chemical resistant gloves.   |
| <b>Respiratory Protection</b>           | Ensure adequate ventilation, especially in confined areas.   |
| <b>General Hygiene Considerations</b>   | Handle in accordance with good industrial hygiene and safety practice.<br>Avoid contact with skin, eyes and clothing.<br>After handling this product, wash hands before eating, drinking, or smoking.<br>See SECTION 4 for First-Aid Measure |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                              |                        |                                |                     |
|------------------------------|------------------------|--------------------------------|---------------------|
| <b>Physical State</b>        | Liquid                 | <b>Odor</b>                    | Mild                |
| <b>Appearance</b>            | Transparent            | <b>Odor Threshold</b>          | Not determined      |
| <b>Color</b>                 | Colorless /yellow tint |                                |                     |
| <b><u>Property</u></b>       | <b><u>Values</u></b>   | <b><u>Remarks • Method</u></b> |                     |
| pH                           | 6.2 - 6.8              |                                |                     |
| Boiling Point/Boiling Range  | 100°C / 200 °F         |                                |                     |
| Flash Point                  | Non-flammable          |                                |                     |
| Evaporation Rate             | < 1.0                  |                                | (butyl acetate = 1) |
| Flammability (Solid, Gas)    | Not determined         |                                |                     |
| Upper Flammability Limits    | Not determined         |                                |                     |
| Lower Flammability Limit     | Not determined         |                                |                     |
| Vapor Density                | Not determined         |                                | (Air=1)             |
| Specific Gravity             | 1.05-1.25              |                                | (1=Water)           |
| Water Solubility             | Completely soluble     |                                |                     |
| Solubility in other solvents | Not determined         |                                |                     |
| Partition Coefficient        | Not determined         |                                |                     |
| Auto-ignition Temperature    | Not determined         |                                |                     |
| Decomposition Temperature    | Not determined         |                                |                     |
| Viscosity                    | N/A                    |                                |                     |
| Dynamic Viscosity            | Not determined         |                                |                     |
| Explosive Properties         | Not determined         |                                |                     |
| Oxidizing Properties         | Not determined         |                                |                     |
| VOC Content (%)              | Not determined         |                                |                     |

## 10. STABILITY AND REACTIVITY

|                           |  |
|---------------------------|--|
| <b>Reactivity</b>         | Not reactive under normal conditions.        |
| <b>Chemical Stability</b> | Stable under recommended storage conditions. |

|   |   |
|---|---|
| <b>Possibility of Hazardous Reactions</b> | None under recommended storage conditions or normal processing.   |
| <b>Conditions to Avoid</b>                | Incompatible materials  |
| <b>Incompatible Materials</b>             | None-known  |
| <b>Hazardous Decomposition Products</b>   | Thermal decomposition and combustion are not expected to occur except under extreme conditions. See SECTION 5 in the event of fire. |

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

|                     |  |
|---------------------|--|
| <b>Eye Contact</b>  | May cause temporary or minor irritation on eye contact.    |
| <b>Skin Contact</b> | Prolonged contact may cause temporary or minor irritation. |
| <b>Inhalation</b>   | No data available  |
| <b>Ingestion</b>    | May cause gastrointestinal irritation or diarrhea.         |

### Delayed and immediate effects

|                        |                   |
|------------------------|-------------------|
| <b>Acute Effects</b>   | No data available |
| <b>Chronic Effects</b> | No data available |

### Information on toxicological effects

|                                       |   |
|---------------------------------------|---|
| <b>Carcinogenicity</b>                | This product is not expected to be carcinogen by IARC, ACGIH, TP, or OSHA |
| <b>Numerical measures of toxicity</b> | Not determined  |
| <b>Further Information</b>            | Risk of chemical pneumonia after aspiration.                              |

## 12. ECOLOGICAL INFORMATION

|                                  |  |
|----------------------------------|--|
| <b>Ecotoxicity</b>               | Not expect to be harmful to aquatic organisms. |
| <b>Persistence/Degradability</b> | Not inherently bio-gradable.                   |
| <b>Bioaccumulation</b>           | Not determined                                 |
| <b>Mobility</b>                  | Not determined                                 |
| <b>Other Adverse Effects</b>     | Not determined                                 |

## 13. DISPOSAL CONSIDERATIONS

|                               |   |
|-------------------------------|---|
| <b>Disposal of Wastes</b>     | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| <b>Contaminated Packaging</b> | Disposal should be in accordance with applicable regional, national and local laws and regulations. |

## 14. TRANSPORT INFORMATION

|             |   |
|-------------|---|
| <b>Note</b> | Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. |
| <b>DOT</b>  | Not regulated   |
| <b>IATA</b> | Not regulated   |
| <b>IMDG</b> | Not regulated   |

## 15. REGULATORY INFORMATION

**International Inventories** All component(s) are listed

**Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

*AICS - Australian Inventory of Chemical Substances*

**WHMIS Hazard Classification** Non-controlled

### US Regulations

#### **EPCRA – Emergency Planning and Community Right-to-Know Act**

**CERCLA Reportable Quality** This material does not contains a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

**SARA 311/312 Hazardous Chemical** This material, as supplied, does not contain any substances subject to the requirements of SARA Sections 311/312 (40 CFR 370)

**SARA 313** This product does not contain any chemical(s) regulated under the Section 313 Title III of the Superfund Amendments and Reauthorization Act

**California Proposition 65** This product does not contain any Proposition 65 chemicals.

## 16. OTHER INFORMATION

| <u>NFPA</u> | Health Hazards | Flammability | Instability      | Special Hazards     |
|-------------|----------------|--------------|------------------|---------------------|
|             | 1              | 0            | 0                | Not determined      |
| <u>HMIS</u> | Health Hazards | Flammability | Physical Hazards | Personal Protection |
|             | 1              | 0            | 0                | Not determined      |

**Issue Date:** 12-Jun-2015  
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**Revision Note:**

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**

