



Material Safety Data Sheet



| HMIS | |
|---------------|---|
| Health Hazard | 1 |
| Fire Hazard | 0 |
| Reactivity | 0 |

PPE (See Section 15)



Section 1. Chemical Product and Company Identification

Trade Name **Detergent** Part # RE2033

Manufacturer Haztech Systems, Inc. CAS # 64-17-5
 PO Box 929 RTECS Not available.
 Mariposa, CA 95338 TSCA

Commercial Name

Synonyms CI #

In case of emergency contact CHEMTREC
 (24 hours) at 800-424-9300

HazTech Systems, Inc. 800-543-5487

Chemical Formula

Supplier Spectrum Chemical Mfg. Corp.
 14422 S. San Pedro St.
 Gardena, CA 90248

Section 2. Composition and Information on Ingredients

| Name | CAS # | Exposure Limits | | | % by Weight |
|---------|---------|-----------------|------|--------------|-------------|
| | | TWA (mg/m3) | STEL | CEIL (mg/m3) | |
| Ethanol | 64-17-5 | | | | ~20% |

Toxicological Data on Ingredients Ethanol LD50: Not available. LC50: Not available.

Section 3. Hazards Identification

Potential Acute Health Effects Hazardous in case of of ingestion. May cause gastrointestinal irritation. May cause transient irritation in case of eye contact.

Potential Chronic Health Effects CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. Prolonged exposure of skin to concentrated product may cause irritaion.

Section 4. First Aid Measures

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| Eye Contact | Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Get medical attention. |
| Skin Contact | Rinse with cold water. Wash clothing before reuse. Thoroughly clean shoes before reuse. |
| Inhalation | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately. |
| Ingestion | If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately. |

Section 5. Fire and Explosion Data

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| Flammability | Non-flammable. |
| Auto-Ignition Temperature | Not applicable. |
| Flash Point | Not applicable. |
| Flammable Limits | Not applicable. |
| Products of Combustion | Not applicable. |
| Fire Hazards in Presence of Various Substances | Not applicable. |
| Explosion Hazards in Presence of Various Substances | Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. |
| Fire Fighting Media and Instructions | Not applicable. |
| Special Remarks on Fire Hazards | Although this product contains ethanol, it is in an aqueous solution that does not sustain combustion. |

Section 6. Accidental Release Measures

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| Small Spill | Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. |
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Section 7. Handling and Storage

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| Precautions | If ingested, seek medical advice immediately and show the container or the label. Avoid contact with eyes. |
| Storage | Keep in HazCat Kit. |

Section 8. Exposure Controls/Personal Protection

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| Engineering Controls | Use in a well ventilated area. |
| Personal Protection | Gloves and goggles. |

Section 9. Physical and Chemical Properties

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|-------------------------------|---------------|------------------------|-----------------|
| Physical State and Appearance | Liquid | Volatility | Not available |
| Molecular Weight | Not available | Odor Threshold | Not available |
| pH (1% Solution in Water) | Not available | Water/Oil Dist. Coeff. | Not available |
| Boiling Point | Not available | Ionicity (in Water) | Not available |
| Melting Point | Not available | Dispersion Properties | Not available |
| Critical Temperature | Not available | Solubility | Water |
| Specific Gravity | Not available | Odor | May be perfumed |
| Vapor Pressure | Not available | Taste | Not available |
| Vapor Density | Not available | Color | Variable |

Section 10. Stability and Reactivity Data

| | | | |
|---|--------------------|--------------------------------|-------------------------------------|
| Stability | Product is stable. | Corrosivity | Non-corrosive in presence of glass. |
| Instability Temperature | Not available. | Special Remarks on Corrosivity | Not available. |
| Conditions of Instability | Not available. | Polymerization | Will not polymerize. |
| Incompatibility with Various Substances | Chlorine bleach. | | |

Section 11. Toxicological Information

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| Route of Entry | Eye contact. Inhalation. Ingestion. |
| Toxicity to Animals | Not available. |
| Chronic Effects on Humans | Not available. |
| Other Toxic Effects on Humans | Not available. |
| Special Remarks on Toxicity to Animals | Not available. |
| Special Remarks on Chronic Effects on Humans | Not available. |
| Special Remarks on Other Toxic Effects on Humans | Not available. |

Section 12. Ecological Information

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| Ecotoxicity | Not available. |
| BOD5 and COD | Not available. |
| Products of Biodegradation | Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. |
| Toxicity of the Products of Biodegradation | The products of degradation are more toxic. |
| Special Remarks on the Products of Biodegradation | Contains biodegradable surfactants. |

Section 13. Disposal Considerations

Waste Disposal Recycle to process, if possible. Consult your local or regional authorities.

Section 14. Transport Information

DOT Classification Not a DOT controlled material (United States).

Identification Not applicable.

Special Provisions for Transport Not applicable.

Section 15. Other Regulatory Information and Pictograms

Federal and State Regulations TSCA 8(b) inventory: Ethanol.

California Proposition 65 Warnings

Other Regulation WHMIS (Canada) Not available.

Other classifications DSCL (EEC) Not available.

Section 16. Other Information

Part Number(s) RE2033

References Not available.

Other Special Considerations Not available.

Validated by R. Houghton 5/13/02

Verified by R. Turkington

Call 1-800-543-5487

Notice to Reader

All chemicals may pose unknown hazards and should be used with caution. This Material Safety Data Sheet (MSDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this MSDS is based on technical data judged to be reliable, Haztech Systems, Inc. assumes no responsibility for the completeness or accuracy of the information contained herein.