

Safety Data Sheet



Mi-T-M Corporation
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Section 1. Chemical Product and Company Identification

Product Name Mi-T-M All Purpose Cleaner
Product Use General Purpose Cleaner
Product Code 4018
Date of Issue 10/18/2016
Supersedes 5/2/2016

Emergency Telephone Numbers

CHEMTREC- 1-800-424-9300

(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

Section 2. Hazards Identification

Emergency Overview

WARNING



Health Hazards

Skin Corrosion/Irritation Category 2
Serious eye damage/ eye irritation Category 2A

Precautionary Statements:

P264 Wash hands thoroughly after handling
P280 Wear protective gloves and eye protection
P302+P352 IF ON SKIN: Wash with plenty of cool water
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P332+P313 IF skin irritation occurs: Get medical advice/attention
P337+P313 IF eye irritation persists: Get medical advice/attention
P362 Remove all contaminated clothing and wash before reuse

Hazard Statements:

H315 Causes skin irritation
H319 Can cause serious eye irritation

Routes of Entry Dermal, Oral, and Inhalation

Acute Effects:

Eyes Causes irritation or eye damage depending on duration of contact
Skin Prolonged or repeated contact may cause irritation and drying of skin. Product will absorb through skin.
Inhalation Causes irritation to the nose and throat
Ingestion Nausea, vomiting, and possible damage to mucous membranes

Section 3. Composition/Information on Ingredients

| <u>Name of Hazardous Ingredients</u> | <u>CAS Number</u> | <u>% by Weight</u> |
|--------------------------------------|-------------------|--------------------|
| 2-butoxyethanol | 111-76-2 | <3 |

Section 4. First Aid Measures

Eye Contact Flush immediately with clean water for 15 minutes. Seek immediate medical attention.

Skin Contact If irritation occurs, flush with plenty of clean water. Seek medical attention if a rash occurs or if irritation continues.

Inhalation Remove person to fresh air.

Ingestion Do not induce vomiting. If conscious, give several large glasses of water. Never give anything to an unconscious person orally. Seek immediate medical attention.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A)
(estimated rating)



Hazardous Combustion Products CO₂ and some CO

Extinguishing Media Water, CO₂ and foam

Unsuitable Extinguishing Media N/A

Fire Fighting Procedures Product is not combustible but the containers should be kept cool in a fire with water stream. Fire fighters must wear self-contained breathing apparatus and eye protection.

Section 6. Accidental Release Measures

Spill Clean Up All spilled material must be contained and kept out of waterways, sewers and drains. The spilled chemical should be absorbed with an inert material. Flush cleaned area thoroughly with water.

Section 7. Handling and Storage

Handling and Storage Keep container tightly closed when not in use. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection**Exposure Limits**

| Product Name | OSHA PEL | NIOSH REL | AIHA WEEL | ACGIH TLV |
|-----------------|----------|-----------|-----------|-----------|
| 2-butoxyethanol | 50ppm | 5ppm | | 20ppm |

Engineering Controls Local ventilation usually adequate

**Personal Protective Equipment (PPE)**

Eyes Safety glass or chemical splash goggles

Body Rubber or neoprene gloves

Respiratory Use NIOSH approved respirator if TLV are exceeded

Section 9. Physical and Chemical Properties

| | | | |
|-----------------------|-------------------|-------------------------|--------------------|
| Physical State | Liquid | Explosive Limits | N/A |
| Color | Blue | Vapor Pressure | 23.786 mmHg @ 77°F |
| Odor | Glycol ether odor | Vapor Density | Heavier than air |

| | | | |
|-------------------------|--------------|------------------------------|-----------|
| Odor Threshold | N/A | Relative Density | N/A |
| pH | 11-12 | Solubility | Miscible |
| Freezing Point | N/A | Partition Coefficient | N/A |
| Boiling Point | 212°F | Auto-Ignition Temp. | N/A |
| Flash Point | N/A | Decomposition Temp. | N/A |
| Evaporation Rate | Undetermined | Viscosity | N/A |
| Flammability | N/A | Specific Gravity | 1.02-1.04 |

Section 10. Stability and Reactivity

| | |
|---|----------------|
| Stability and Reactivity | Stable |
| Incompatibility | None |
| Hazardous Polymerization | Will not occur |
| Hazardous Decomposition Products | None known |
| Conditions to Avoid | N/A |

Section 11. Toxicological Information

| | |
|------------------------------|---|
| Routes of Entry | Dermal, oral and Inhalation |
| Symptoms | Irritation |
| Skin Irritant | Yes |
| Eye Irritant | Yes |
| Sensitizers | Not determined |
| Mutagenicity | No information found |
| Carcinogenicity | 2-butoxyethanol: Group 3 (not classifiable as a human carcinogen) |
| Reproductive Toxicity | No information found |
| Target Organs | None |

There is no toxicological data for this product as a whole. Based on relevant ingredients with known acute toxicity, the acute toxicity estimate using the additive formula (ATE) has been determined.

Acute Toxicity

| Test | Results | Basis |
|-------------------|-------------|--------------------------------------|
| Dermal | 52,798mg/kg | ATE determined practically non-toxic |
| Oral | 3,571mg/kg | ATE determined practically non-toxic |
| Inhalation | No data | |

Section 12. Ecological Information

Environmental Effects No ecological information found

Section 13. Disposal Considerations

Waste Information Dispose of in accordance with all Federal, State and Local pollution control regulations.

Section 14. Transportation Information

| Regulatory Information | UN number | Proper Shipping Name | Classes | Packaging Group | Label Code |
|------------------------|---------------|----------------------|---------|-----------------|------------|
| DOT Classification | Not regulated | | | | |

Note: DOT Classification applies to most packaging sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

US Federal Regulations The following substances are listed as a toxic chemical and are subject to report under the SARA act Section 313: 2-butoxyethanol 111-76-2 ≈5

The following substances have CERCLA reportable quantity values (in pounds):
None

State Regulations None

Section 16. Other Information

Last Revision 10/18/2016

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.