

TRIM® MIST MATERIAL SAFETY DATA SHEET

Gerber FastFact # 5030
Supplied by: Gerber Service
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Summary: This document provides material safety information for TRIM MIST.

1. MATERIAL AND MANUFACTURER IDENTIFICATION

Product Name	TRIM MIST
Material Type	Water Miscible cutting and grinding fluid concentrate
Classification/synonym(s)	Chemical fluid/Synthetic fluid
Product Use	Coolant and lubricant in metal removal process
Manufacturer address	Master Chemical Corporation 510 West Boundary Perrysburg, OH 43551-1263
Emergency telephone	419-874-7902 Fax 419-874-0684

2. REGULATORY INFORMATION

Department of Transportation	DOT Hazard Class: None TRIM MIST is not classified as a hazardous material by DOT
Resource Conservation and Recovery Act	EPA Hazardous Waste Number(s): None TRIM MIST is not classified as a hazardous waste by EPA
Toxic Substances Control Act	All TRIM MIST ingredients are listed on the TSCA Inventory of Chemical substances.
Superfund Amendments and Reauthorization Act of 1986	TRIM MIST does not contain any SARA Title II section 302/304 Extremely Hazardous Substances or Section 313 Toxic Chemicals.

3. INGREDIENT INFORMATION					
COMPONENT	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	CAS #	% RANGE
amine borate	none	none	none	62321-48-1	10-20
propylene glycol	none	none	none	57-55-6	10-20
amine carboxylates	none	none	none	63231-48-1	1-10
nonionic surfactant	none	none	none	68991-48-0	1-10
substituted indole	none	none	none	63231-48-1	<1
nonsilicone antifoam	none	none	none	9003-01-4	<1
water	none	none	none	7732-18-5	balance

The exact identities and percentages of the raw materials used in TRIM MIST are trade secrets. This information is being withheld as provided for in the Occupational Safety and Health Administration's Hazard Communication Rule (CFR 1910.1200).

4. PHYSICAL DATA			
Boiling point (at 769 mm Hg)	217°F (103°C)	Specific gravity (H ₂ O=1)	1.06
Vapor pressure (psi)	<1	Percent volatiles by volume	72.81%
Vapor density (Air=1)	Not determined	Evaporation rate (butyl acetate +1)	1
Solubility in water	100%	pH of concentrate	8.3
Appearance	Straw colored liquid, nearly odorless	pH of 10% solution	8.6

5. FIRE AND EXPLOSION HAZARD DATA	
Flash point (test method): None (COC & TCC)	Flammable limits: Not determined
Extinguishing Media	As appropriate for the surrounding fire: water (flood with water), dry chemical, CO ₂ or "alcohol" foam
Special Fire fighting procedures: None	Unusual fire and explosion hazards: None

6. HEALTH HAZARD DATA		
Threshold limit value: None established by ACGIH or OSHA		
Acute effects of overexposure	Eye Contact Skin contact Inhalation Ingestion Skin Absorption	Transient irritation Possible defatting, nonirritant, nonsensitizer Nontoxic Nontoxic Nontoxic
Chronic effects of overexposure	None currently known	
Product/Ingredients listed as carcinogen or potential carcinogen?	NTP Annual report - NO	IARC Monographs - NO OSHA - NO
Signs and symptoms of exposure	None	
Medial conditions generally aggravated by exposure	None known	
Emergency & first aid	Eyes Skin Inhalation Ingestion	Flush immediately with cool, clean water for at least 15 minutes Wash with mild soap and warm water If large quantities are ingested, contact a physician. In every case get medical attention as required.

7. REACTIVITY DATA	
Stability: Stable	Conditions to avoid: None
Incompatibility: Strong oxidizers, acids and alkalis (materials to avoid)	
Hazardous combustion or decomposition products: Thermal decomposition (fire) may produce CO, CO ₂ , CO _x	
Hazardous polymerization: Will not occur	Conditions to avoid: None

8. SPILL OR LEAK PROCEDURES	
Steps to be taken if material is released or spilled	Mop up or use dry absorbent
Waste disposal material	Acid-alum split Refer to Data and Information sheet for suggested procedure.

9. SPECIAL PROTECTION INFORMATION		
Respiratory protection: None (specific type)		
Ventilation	Local Exhaust Mechanical (general) Special Other	Not normally required General room ventilation should be sufficient None None
Protective gloves: None		
Other Protective equipment: Safety glasses		

10. SPECIAL PRECAUTIONS	
Precautions to be taken in handling and storing	Refer to Data & Information Sheet or container labels
Other precautions	This product contains amine. Do not add nitrite or other nitrosating agents to this product due to the potential for nitrosamine formation.
Date of preparation	June, 1991

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