

MATERIAL SAFETY DATA SHEET
TRIM® WMMC

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trim Water-Mix
Machine Cleaner

Product name TRIM® WMMC
Material type Water miscible machine cleaning concentrate
Classification/synonym(s) None/None
Product use Machine tool cleaning
Manufacturer address MASTER CHEMICAL CORPORATION
501 West Boundary
Perrysburg, OH 43551-1263
Emergency telephone 419-874-7902 Fax number 419-874-0684

11/13/08

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOM.	CAS #	%RANGE
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The exact chemical identities and percentages of the raw materials used in TRIM® WMMC are trade secrets. This information is being withheld as provided for in the Occupational Safety and Health Administration's Hazard Communication Rule (29 CFR 1910.1200).

3. HAZARDS IDENTIFICATION

Emergency overview Straw colored liquid
No immediate hazard
Fire may produce CO, CO₂, NO_x

POTENTIAL HEALTH EFFECTS

		Concentrate	2% Solution
Acute effects of overexposure	Eye Contact	Severe irritation	Transient irritation
	Skin Contact	Irritation	Possible defatting
	Inhalation	---	Nontoxic
	Ingestion	Toxic	Nontoxic
	Skin Absorption	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

Medical conditions generally aggravated by exposure None known

4. FIRST AID MEASURES

Emergency and first aid procedures	Eyes	Flush immediately with cool, clean water for at least 15 minutes
	Skin	Wash with mild soap and warm water
	Inhalation	Remove to fresh air
	Ingestion	If large quantities are ingested, contact a physician

In every case get medical attention as required

5. FIRE FIGHTING MEASURES

Flash point (test method)	237°F (114°C) (COC)	Flammable limits Not determined
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Extinguishing media As appropriate for the surrounding fire: water (flood with water), dry chemical, CO₂ or "alcohol" foam

Special fire fighting procedures	None	Unusual fire and explosion hazards None
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6. ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled Mop up or use dry absorbent

7. HANDLING AND STORAGE

Precautions to be taken in handling and storing Refer to container labels.

Other precautions Do not use this product at concentrations greater than 2% (50:1).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection (Specify type) None

Ventilation

Local exhaust	Not normally required
Mechanical (General)	General room ventilation should be sufficient
Special	None
Other	None

Protective gloves Chemical resistant (e.g., PVC-coated)

Other protective equipment None

Eye protection Splashproof goggles

Exposure limits None established by ACGIH or OSHA for product as whole
Refer to Section 2

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Straw colored liquid
Odor	Mild ammonical odor
pH of concentrate (as range)	10.6 - 10.8
pH of 2% solution	10.2
Vapor pressure (psi)	< 1
Vapor density (Air=1)	Not determined
Boiling point (at 760 mm Hg)	253°F (123°C)
Freezing point	Not applicable
Solubility in water	100%
Specific gravity (H₂O=1)	1.04
Percent volatile by volume	Not determined
Evaporation rate (butyl acetate=1)	Not determined

10. STABILITY AND REACTIVITY

Stability	Stable	Conditions to avoid	None
Incompatibility (materials to avoid)	Strong oxidizers, acids and alkalis		
Hazardous combustion or decomposition products	Thermal decomposition (fire) may produce CO, CO ₂ , NO _x		
Hazardous polymerization	Will not occur	Conditions to avoid	None

11. TOXICOLOGICAL INFORMATION

Study	Test Animal	Concentrate	Results	3% Solution
Acute inhalation toxicity	Rat	---		Nontoxic LC ₅₀ > 256mg/l
Acute oral toxicity	Rat	Toxic LD ₅₀ = 5g/kg		Nontoxic LD ₅₀ > 5g/kg
Acute dermal toxicity	Rabbit	Nontoxic LD ₅₀ > 2g/kg		Nontoxic
Primary skin irritation	Rabbit	Irritant PDI index = 6.25		Nonirritant PDI index = 0.00
Primary eye irritation	Rabbit	Irritant		Nonirritant

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Waste disposal method Must comply with local, state and federal regulations. If pre-treatment is needed, chemical treatment or ultrafiltration may be used. Contact Master Chemical Tech Line (1-800-537-3365) for assistance.

14. TRANSPORT INFORMATION

Department of Transportation **DOT Hazard Class:** None
TRIM® WMMC is not classified as a hazardous material by DOT

15. REGULATORY INFORMATION

Resource Conservation and Recovery Act	EPA Hazardous Waste Number(s): None TRIM® WMMC is not classified as a hazardous waste by EPA.
Toxic Substances Control Act	All TRIM® WMMC ingredients are listed on the TSCA Inventory of Chemical Substances.
Superfund Amendments and Reauthorization Act	TRIM® WMMC does not contain any Section 302/304 Extremely Hazardous Substances or Section 313 Toxic Chemicals.

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