

**MATERIAL SAFETY DATA SHEET
TRIM® TAP NC**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name TRIM® TAP NC
Material type Tapping Fluid
Classification/synonym(s) Straight oil/None
Product use Lubricant in metal removal processes
Manufacturer address MASTER CHEMICAL CORPORATION
501 West Boundary
Perrysburg, OH 43551-1200
Emergency telephone 419-874-7902 **Fax number** 419-874-0684

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® TAP NC 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 Yellow liquid
No immediate hazard
Fire may produce oxides of carbon

POTENTIAL HEALTH EFFECTS

Acute effects of overexposure	Eye Contact	Transient irritation
	Skin Contact	Possible defatting, possible irritant, nonsensitizer
	Inhalation	Nontoxic
	Ingestion	Nontoxic
	Skin Absorption	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	Move 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)	385°F (196°C) (COC)	Flammable limits Not determined
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Extinguishing media Water spray (fog), foam, dry chemical or CO₂

Special fire fighting procedures None **Unusual fire and explosion hazards** None

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 None

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

Other protective equipment None

Eye protection Safety glasses

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Yellow liquid
Odor	Mild, oily odor
pH	Not applicable
Boiling point (ASTM D86)	385°F (196°C)
Freezing point	Not determined
Solubility in water	Insoluble
Specific gravity (H ₂ O=1)	0.939
V.O.C. Content (EPA Method 24)	Not determined
Evaporation rate (butyl acetate=1)	<1

10. STABILITY AND REACTIVITY

Stability	Stable	Conditions to avoid	None
Incompatibility (materials to avoid)	Strong acids and oxidizers		
Hazardous combustion or decomposition products	Thermal decomposition (fire) may produce oxides of carbon		
Hazardous polymerization	Will not occur	Conditions to avoid	None

11. TOXICOLOGICAL INFORMATION

Study	Test Animal	Results
Acute inhalation toxicity	Rat	nontoxic LC ₅₀ > 206mg/l
Acute oral toxicity	Rat	nontoxic LD ₅₀ > 5g/kg
Acute dermal toxicity	Rabbit	nontoxic LD ₅₀ > 2g/kg
Primary skin irritation	Rabbit	nonirritant PDI = 3.54
Primary eye irritation	Rabbit	irritant
Repeated insult patch	Human volunteers	possible defatting possible irritant nonsensitizer

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Waste disposal method Dispose with typical oil waste in accordance with local, state, and federal regulations, etc.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

Resource Conservation and Recovery Act **EPA Hazardous Waste Number(s):** None
TRIM® TAP NC is not classified as a hazardous waste by EPA.

Toxic Substances Control Act All TRIM® TAP NC ingredients are listed on the TSCA Inventory of Chemical Substances.

Superfund Amendments and Reauthorization Act of 1986 TRIM® TAP NC does not contain any Section 302/304 Extremely Hazardous Substances or Section 313 Toxic Chemicals.

16. OTHER INFORMATION

	HMIS Hazard Index	NFPA Rating
(Health)	H = 1	H = 1
(Fire)	F = 0	F = 0
(Reactivity)	R = 0	R = 0
(Personal Protection)	PP = B (safety glasses & gloves)	Special hazards = none

Key 0 = minimal 1 = slight 2 = moderate 3 = serious 4 = severe
This information is intended solely for the use of individuals trained in the particular system.

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