

(10159)

MATERIAL SAFETY DATA SHEET
TRIM SOL®

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name TRIM SOL®

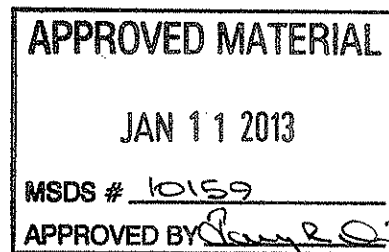
Material type General-purpose Emulsion

Classification/synonym(s) Chemical emulsion/Soluble oil

Product use Coolant and lubricant in metal removal processes

Manufacturer address MASTER CHEMICAL CORPORATION
501 West Boundary
Perrysburg, OH 43551-1200
419-874-7902

Emergency telephone 800-424-9300



2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOM.	CAS #	%RANGE
Severely hydrotreated petroleum oil	5mg/m ³ (mist)	5mg/m ³ (mist)	none	64742-52-5 64742-58-1 64742-54-0	35-45

The exact chemical identities and percentages of the raw materials used in TRIM SOL® 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 Blue green liquid
No immediate hazard
Fire may produce oxides of carbon, nitrogen, and sulfur

POTENTIAL HEALTH EFFECTS

Acute effects of overexposure
 Eye contact Transient irritation
 Skin contact Possible defatting, nonirritant, 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 OSHA No IARC Monographs No

Signs and symptoms of exposure None

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Blue-green liquid
Odor	Mild, sweet
pH of concentrate	Not applicable
Typical operating pH (as range)	8.0 – 9.0
Boiling point (ASTM D86)	208°F (98°C)
Freezing point	0°F (-18°C)
Solubility in water	Soluble
Specific gravity (H ₂ O=1)	1.002
V.O.C. Content (ASTM E1868-10)	94 g/l
Evaporation rate (butyl acetate=1)	0.012

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, nitrogen, and sulfur		
Hazardous polymerization	Will not occur	Conditions to avoid	None

11. TOXICOLOGICAL INFORMATION

Study	Test Animal	Concentrate	Results	10% Solution
Acute inhalation toxicity	Rat	---		nontoxic LC ₅₀ >225mg/l
Acute oral toxicity	Rat	nontoxic LD ₅₀ >5g/kg		nontoxic
Acute dermal toxicity	Rabbit	nontoxic LD ₅₀ >2g/kg		nontoxic
Primary skin irritation	Rabbit	irritant PDI index=6.75		nonirritant PDI index=0.00
Primary eye irritation	Rabbit	irritant		nonirritant
Repeated insult patch	Human volunteers	---		possible defatting nonirritant nonsensitizer

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 SOL[®] is not classified as a hazardous material by DOT.

15. REGULATORY INFORMATION

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

Toxic Substances Control Act All TRIM SOL[®] ingredients are listed on the TSCA Inventory of Chemical Substances.

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

16. OTHER INFORMATION

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

Typical Working Solution

H = 1	H = 1
F = 0	F = 0
R = 0	R = 0
PP = A (safety glasses)	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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