

8-5-88

2 gal. - trial



SOL



material safety DATA SHEET

**master chemical
CORPORATION**

THE COOLANT management company®

1. MATERIAL AND MANUFACTURER IDENTIFICATION

Product name	TRIM® SOL
Material type	Water-miscible cutting and grinding fluid concentrate
Classification/Synonym(s)	Chemical emulsion/Soluble oil
Product use	Coolant and lubricant in metal removal processes
Manufacturer address	MASTER CHEMICAL CORPORATION 501 West Boundary PO Box 220 Perrysburg, OH 43551
Emergency telephone number	(419) 874-7902
Telex number	510-600-1600 Answerback: MASTER CHEM UD
Easylink number	62897774

2. REGULATORY INFORMATION

Department of Transportation	DOT Hazard Class: None TRIM® SOL is not classified as a hazardous material
Resource Conservation and Recovery Act	EPA Hazardous Waste Number(s): None TRIM® SOL is not classified as a hazardous waste
Toxic Substances Control Act	All TRIM® SOL ingredients are listed on the TSCA Inventory of Chemical Substances.

3. INGREDIENT INFORMATION

The exact chemical identities and percentages of the raw materials used in TRIM® SOL are being withheld as provided for in the Occupational Safety and Health Hazard Communication Rule (29 CFR 1910.1200).

4. PHYSICAL DATA

Boiling point (at 760 mm Hg)	217 °F
Vapor pressure (psi)	<1
Vapor density (Air = 1)	not determined
Solubility in water	100%
Appearance	Dark green viscous liquid with mild, pleasant odor.

Specific gravity (H ₂ O = 1)
Percent volatiles by volume
Evaporation rate (butyl acetate = 1)
pH of concentrate
pH of 5% solution

5. FIRE AND EXPLOSION HAZARD DATA

Flash point (test method)	305 °F (COC) None (TCC)
Flammable limits	Not determined
Extinguishing media	As appropriate for the surrounding fire
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 Transient irritation Skin contact Possible defatting, nonirritant, nonse Inhalation Nontoxic Ingestion Nontoxic Skin absorption Nontoxic
Chronic effects of overexposure	None currently known

The National Toxicology Program Annual Report on Carcinogens does not list TRIM® SOL ingredients.

The International Agency for Research on Cancer Monographs have not found TRIM® SOL ingredients to be potential carcinogens.

The Occupational Safety and Health Administration does not regulate TRIM® SOL or any of its potential carcinogens.

Signs and symptoms of exposure	None
Medical conditions generally aggravated by exposure	None known
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.

7. REACTIVITY DATA

Stability	<input checked="" type="checkbox"/> Stable	<input type="checkbox"/> Unstable
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 , HCl, SO ₂	
Hazardous polymerization	<input type="checkbox"/> May occur	<input checked="" type="checkbox"/> 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 method	Acid-alum split Refer to Data and Information Sheet for suggested procedure.

9. SPECIAL PROTECTION INFORMATION

Respiratory protection (Specify type)	None	
Ventilation	Local exhaust Mechanical (general)	Not normally required General room ventilation should be sufficient
	Special	None
	Other	None
Protective gloves	None	
Other protective equipment	None	
Eye protection	Safety glasses	

10. SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing	Refer to Data and Information Sheet or container labels.
Other precautions	None
Date of preparation	October, 1987



master CHEMICAL CORPORATION
METALWORKING FLUIDS DIVISION
501 WEST BOUNDARY
PERRYSBURG, OHIO 43551-1263
PHONE: 419-874-7902
FAX: 419-874-0684
TELEX: 510-600-1600