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**TC-177**

**material safety  
DATA SHEET**

**master chemical  
CORPORATION**

THE COOLANT management company\*

## 1. MATERIAL AND MANUFACTURER IDENTIFICATION

Product name	TRIM® TC-177
Material type	Metalworking fluid additive
Classification/synonym(s)	Fragrance compound/Odor mask
Product use	Use only as directed by Master Chemical Corporation Laboratory
Manufacturer address	MASTER CHEMICAL CORPORATION 501 West Boundary PO Box 220 Perrysburg, OH 43551
Emergency telephone number	(419) 874-7902
Telex number	500-600-1600 Answerback: MASTER CHEM UD
Easylink Number	62897774

## 2. REGULATORY INFORMATION

Department of Transportation	DOT Hazard Class: None TRIM® TC-177 is not classified as a hazardous material by DOT.
Resource Conservation and Recovery Act	EPA Hazardous Waste Number(s): None TRIM® TC-177 is not classified as a hazardous waste by EPA.
Toxic Substances Control Act	All TRIM® TC-177 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® TC-177 are trade secrets. This information is being withheld as provided for in the Occupational Safety and Health Administrations's Hazard Communication Rule (CFR 1910.1200).

## 4. PHYSICAL DATA

Bolling point (at 760 mm Hg)	>212°F	Specific gravity (H <sub>2</sub> O=1)	1.1
Vapor pressure (psi)	<1	Percent volatiles	
Vapor density (Air=1)	Not determined	by volume	Not determin
Solubility in water	100%	Evaporation rate	1
Appearance	Clear brown liquid with vanilla-like odor	(butyl acetate =1)	
		pH of concentrate	Not determini
		pH of 10 % solution	Not applica

## 5. FIRE AND EXPLOSION HAZARD DATA

Flash point (test method)	200°F (COC)
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 Nonirritant, nonsensitizer 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® TC-177 or any of its ingredients.

The International Agency for Research on Cancer Monographs have not found TRIM® TC-177 or any of its ingredients to be potential carcinogens.

The Occupational Safety and Health Administration does not regulate TRIM® TC-177 or any of its ingredients as 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.
INGESTION	If large quantities are ingested, pump stomach.

## 7. REACTIVITY DATA

Stability	Unstable	<input checked="" type="checkbox"/> Stable
Conditions to avoid	None	
Incompatibility (materials to avoid)	None	
Hazardous combustion or decomposition products	Thermal decomposition (fire) may produce CO, CO <sub>2</sub>	
Hazardous polymerization	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	Dispose of with spent fluid

## 9. SPECIAL PROTECTION INFORMATION

Respiratory protection (Specify type)	None	
Ventilation	Local Exhaust	Not normally required
	Mechanical (general)	General room ventilation should be used
	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 container labels.
Other precautions	None
Date of preparation:	October, 1985



**master CHEMICAL CORPORATION**  
**METALWORKING FLUIDS DIVISION**  
**501 WEST BOUNDARY**  
**BOX 220**  
**PERRYSBURG, OHIO 43551**  
**(419) 874-7902**