# MATERIAL SAFETY DATA SHEET TRIM® E906

# 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product name** TRIM<sup>®</sup> E906

Material type Premium, Low-foaming Emulsion

**Classification/synonym(s)** Chemical emulsion/Soluble oil

**Product use** High Performance Emulsion

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	LIMITS RECOM.	CAS#	%RANGE
Severely hydrotreated petroleum oil	5 mg/m <sup>3</sup> (mist)	5 mg/m <sup>3</sup> (mist)	none	64742-52-5/ 64742-58-1/ 64742-65-0	45-55
Triethanolamine	none	$5 \text{ mg/m}^3$	none	102-71-6	1-10

The exact chemical identities and percentages of the raw materials used in TRIM<sup>®</sup> E906 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** Brown liquid

No immediate hazard

Fire may produce oxides of carbon, nitrogen, phosphorus, and sulfur

OTHED

#### POTENTIAL HEALTH EFFECTS

**Acute effects of** Eye contact Possible irritant as concentrate

**overexposure** Skin contact Nonirritant, nonsensitizer as in-use fluid

Inhalation Nontoxic Ingestion Nontoxic

Chronic effects of

overexposure

None currently known

Product/Ingredients listed as NTP Annual Report No IARC Monographs No

carcinogen or potential carcinogen? 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) >210°F(99°C) (COC) Flammable limits Not determined

**Extinguishing media** As appropriate for the surrounding fire: water (flood with water),

dry chemical, CO<sub>2</sub>, or "alcohol" foam

**Special fire fighting** 

procedures

None Unusual fire and explosion None

hazards

# **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

Avoid contact with eyes. Avoid prolonged or repeated skin contact with the concentrate. Wash thoroughly

after handling. Do not swallow.

Other precautions

This product contains amines. Do not add nitrite or other nitrosating agents to

this product due to the potential for nitrosamine formation.

#### 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 None normally required with working solutions

**Other protective equipment** None

**Eye protection** Safety glasses

Refer to Section 2

# 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Brown liquid Odor Mild amine pH of concentrate 9.0 - 9.8Typical operating pH (as range) 8.8 - 9.8**Boiling point (ASTM D86)** 210°F (99°C) Freezing point -4°F (-20°C) Solubility in water Soluble Specific gravity (H<sub>2</sub>O=1) 0.974 V.O.C. Content (EPA Method 24) 2.358 lbs/gal

10. STABILITY AND REACTIVITY

**Evaporation rate (butyl acetate=1)** 

Stability Stable Conditions to avoid None

0.008

**Incompatibility** Strong acids and oxidizers

(materials to avoid)

**Hazardous combustion or** Thermal decomposition (fire) may produce oxides of carbon, nitrogen, phosphorus, and

**decomposition products** sulfur

Hazardous polymerization Will not occur Conditions to avoid None

# 11. TOXICOLOGICAL INFORMATION

		Results		
Study	<b>Test Animal</b>	Concentrate		10% Solution
Acute inhalation toxicity	Rat			nontoxic LC <sub>50</sub> >202 mg/l
Acute oral toxicity	Rat	nontoxic LD <sub>50</sub> >5000mg/kg		nontoxic
Acute dermal toxicity	Rabbit	nontoxic LD <sub>50</sub> >2000mg/kg		nontoxic
Primary skin irritation	Rabbit	irritant PII index>4.96		nonirritant PII=1.08
Primary eye irritation	Rabbit	irritant		nonirritant
Repeat insult patch	Human volunteers			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 DOT Hazard Class:** None

**Transportation** TRIM<sup>®</sup> E906 is not classified as a hazardous material by DOT.

# 15. REGULATORY INFORMATION

**Resource Conservation and EPA Hazardous Waste Number(s):** None

**Recovery Act** TRIM<sup>®</sup> E906 is not classified as a hazardous waste by EPA.

**Toxic Substances** All TRIM<sup>®</sup> E906 ingredients are listed on the TSCA Inventory

Control Act of Chemical Substances.

**Superfund Amendments and** TRIM<sup>®</sup> E906 does not contain any Section 302/304 Extremely

**Reauthorization Act of 1986** Hazardous Substances or Section 313 Toxic Chemicals.

#### 16. OTHER INFORMATION

	<b>HMIS Hazard Index</b>				
	Concentrate				
(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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