



## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY/UNDERTAKING

- 1.1 Identification of the product: **TRIM® E708**  
Intended use: CHEMICAL EMULSION/SOLUBLE OIL CONCENTRATE
- 1.2 Identification of the company: MASTER CHEMICAL EUROPE LTD.  
33 Maitland Road, Lion Barn Business Park, Needham Market  
Suffolk, IP6 8NZ, UK
- Tel +44 (0)1449 726800 (Office hours only)  
Email – info@masterchemical.co.uk

### 2. HAZARDS IDENTIFICATION

- 2.1 Important health hazards: TRIM® E708 is not classified as a health or environmental hazard
- 2.2 Other hazards: Spilled product may result in slippery floors.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 General:

Product contains: Petroleum oil, anionic and non-ionic emulsifiers, corrosion inhibitors, antifoam and water.

Product does not contain: Nitrites, Chlorine, phenol, silicones, secondary amines (DEA), PCBs and PtBBA

3.2 Hazardous ingredients, giving the product its hazard classification:

	CAS N°	Hazard	%
Alkenyl succinic acid derivative-salt	67762-77-0/102-71-6/1310-73-2	Xi;R41 R52/53	<3.0
3,3'-methylene bis(5-methyloxazolidine)	66204-44-2	Xn;R22 Xi;R36/37/38, R41, R52	<3.0
Fatty acid amide	8002-12-9/78-96-6	Xi;R36	<2.0

Exposure limit values exist for the following constituent: Mineral Oil, concentration <65% (see section 8)

### 4. FIRST-AID MEASURES

- 4.1 Eyes: In case of eye contact with the concentrate, flush with running water for 15 minutes and seek medical attention
- 4.2 Skin: In case of skin contact with the concentrate, wash with soap and water. Diluted product is not irritating to the skin when used as recommended and good personal hygiene is practised. Remove severely contaminated clothes. Launder before re-use. If irritation persists, seek medical advice.
- 4.3 Ingestion: If concentrate or mix is swallowed, seek medical attention immediately and obtain treatment. DO NOT INDUCE VOMITING.
- 4.4 Inhalation: Not expected to be a probable route of exposure to the product concentrate

### 5. FIRE-FIGHTING MEASURES

- 5.1 Extinguishing media: Water, foam or CO<sub>2</sub>
- 5.2 Special fire fighting procedures: None
- 5.3 Unusual fire and explosion hazards: None
- 5.4 Hazardous combustion products: Thermal decomposition may produce carbon oxides.



## 6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions: goggles, oil resistant gloves  
6.2 Methods for cleaning up:  
Contain the spill, collect on absorbent material and discard as directed by local regulations that may apply. Flush area thoroughly with water.

## 7. HANDLING AND STORAGE

- 7.1 Handling: Avoid contact with the concentrate.  
Use only as recommended on the Product Data sheet  
7.2 Storage: Store at room temperature.  
If frozen, thaw completely at room temperature

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- 8.1 Exposure Limit Values:  
The following limits apply to 'Oil mist, mineral' OES 5mg.m<sup>-3</sup> (8 h. TWA); STEL 10mg.m<sup>-3</sup> (15 min)  
8.2 Personal Protective Equipment  
Respiratory protection: None  
Ventilation: General room ventilation should be sufficient  
Protective gloves: Recommended when handling concentrate  
Eye protection: Safety glasses  
Other protective clothing: None  
Work/Hygiene practices: Good personal hygiene should always be practised.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical State	liquid
9.2 Appearance	Amber coloured
9.3 Odour	mild
9.4 Ph	9.2 at 10% dilution
9.5 Boiling point/range (°C)	>100
9.6 Flash Point (°C)(PMCC)	>100
9.7 Flammability – autoignition temp. (°C)	Not determined
9.8 Explosive properties	none
9.9 Oxidising properties	none
9.10 Vapour pressure (mbar @ 20°C)	negligible
9.11 Density (kg/m <sup>3</sup> )	954
9.12 Solubility in water	complete
9.13 Solubility in fat / solvent	miscible
9.14 Partition coefficient (log Pow)	Not determined
9.15 Viscosity (mPa.s @ 40°C)	Not determined
9.16 Vapour density	not applicable
9.17 Evaporation rate	Negligible
9.18 Melting/Solidification Point (°C)	<0

## 10. STABILITY AND REACTIVITY

- 10.1 Stability: Stable under normal conditions  
10.2 Conditions to avoid: None  
10.3 Materials to avoid: Strong oxidisers, acids and alkalis  
10.4 Hazardous polymerisation: Will not occur



## 11. TOXICOLOGICAL INFORMATION

The following information is derived using the conventional method as recommended by EC guidelines given in Directive 1999/45/EC and CHIP3 Regulations 2002, as well as experience from this and similar products.

11.1 Acute Toxicity	
-oral	No toxic components present in preparation
-inhalation	Not expected to be a probable route of exposure to the product concentrate
-dermal	No evidence of acute effects
11.2 Corrosivity/Irritation	
-eye	Concentrate is not classified as eye irritant but may cause transient irritation
-skin	Mild skin irritation (redness and dryness of hands) may be experienced when the diluted product has been contaminated by certain oils, by dissolved metals or when mix ratio is too strong. When problems occur, use of water resistant barrier creams may be a temporary control measure.
-respiratory tract	Inhalation of diluted mix can occur in applications where high mist levels are generated. Concentrations of mist in the working atmosphere must be kept as low as possible. National regulations may apply (see 16).
11.3 Sensitisation	
-skin	No evidence of sensitisation effects
-respiratory	No evidence of sensitisation effects
11.4 Repeated-dose toxicity	No data available on effects of repeated skin contact
11.5 Mutagenicity	No evidence of mutagenicity
11.6 Carcinogenicity	No evidence of carcinogenicity
11.7 Reproductive toxicity	No evidence of reproductive toxicity

## 12. ECOLOGICAL INFORMATION

Ecotoxicity	No significant levels of ecotoxic components present
Mobility	Disperses in water
Persistence and degradability	Not readily biodegradable
Bioaccumulative potential	No data available
Other adverse effects	Due to the composition of mineral oil containing water soluble metalworking fluids, these products should not be allowed into the aquatic environment before treatment

## 13. DISPOSAL CONSIDERATIONS

Disposal procedures must comply with local regulations. If pre-treatment is needed, chemical 'cracking' or ultra-filtration may be used.



## 14. TRANSPORT INFORMATION

Transport Classification		Not classified as hazardous for transport
14.1	UN Number	N/A
14.2	Hazard Class	N/A
14.3	PSN	N/A
14.4	Packing Group	N/A
14.5	Marine Pollutant	No

## 15. REGULATORY INFORMATION

EC Label:	Not classified as hazardous for supply (CHIP3 regulations)
Label Name	TRIM <sup>®</sup> E708
Symbols	N/A
Risk Phrases	N/A
Safety Phrases	N/A
Special Phrases	Safety data sheet available for professional user on request

EC Directives Dangerous Substances Directive 67/548/EEC and Dangerous Preparations Directive 1999/45/EC. EC1907/2006 Annex II (REACH).

Statutory Instruments The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (CHIP3)  
The Health and Safety at Work, etc. Act 1974  
The Consumer Protection Act 1987  
The Environmental Protection Act 1990  
The Control of Substances Hazardous to Health Regulations 1999

## 16. OTHER INFORMATION

Hazard symbols and Risk phrases not detailed elsewhere:

Xn;R22: **Harmful**; *Harmful if swallowed*  
Xi;R36/37/38 R41: **Irritant**; *Irritating to respiratory system and skin, Risk of serious damage to eyes*  
R52/53: *Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment*

For additional technical information see the Product Data sheet.

- UK EH40 (2002) – Occupational Exposure Limits
- UK HSG 193 - COSHH Essentials
- UK HSE Guidance Notes:
  - INDG365 – Working safely with metalworking fluids - a guide for employees
  - HSG 231 – Working safely with metalworking fluids - Good practice manual
- Germany: TRGS 611.

**All sections have been amended in this revision to comply with requirements of CHIP3 2002 and SDS ACoP L130**