



SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name or designation of the mixture TRIM® OE335

Synonyms None.

Issue date 30-June-2020

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Supersedes date 03-February-2023

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Metal working fluids

Uses advised against Applicable for industrial settings only. No other uses are advised.

1.3. Details of the supplier of the safety data sheet

Manufacturer

Company name Master Fluid Solutions WDG GmbH

Address Hasselsstraße 6-14
D - 40597 Düsseldorf
Deutschland

Telephone +49 (0) 211 41728200

Product safety e-mail sds@masterfluids.com

Email info-eu@masterfluids.com

www.masterfluids.com

1.4. Emergency telephone number +49 696 43 50 8409 (0800-181-7059 toll free)

Information on operation hours (CHEMTREC) 24 hours 7 days

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 as amended

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Hazard pictograms None.

Signal word None.

Hazard statements The mixture does not meet the criteria for classification.

Precautionary statements

Prevention Observe good industrial hygiene practices.

Response Wash hands after handling.

Storage Store away from incompatible materials.

Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental label information None.

2.3. Other hazards

The mixture does not contain any SVHC: Substance of Very High Concern >0.1% according to Article 57 of Regulation (EC) No 1907/2006 (REACH). Not a PBT or vPvB mixture. Does not contain endocrine disruptors.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
VEGETABLE OIL	90 - 100	8001-21-6 232-273-9	-	-	#

Classification: -

Other components below reportable levels 1 - < 3

List of abbreviations and symbols that may be used above

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION 4: First aid measures

General information Get medical attention, if needed.

4.1. Description of first aid measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin contact Wash affected area with mild soap and water.
Eye contact Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses.
Ingestion In the unlikely event of swallowing contact a physician or poison control centre.

4.2. Most important symptoms and effects, both acute and delayed None known.

4.3. Indication of any immediate medical attention and special treatment needed Provide general supportive measures and treat symptomatically.

SECTION 5: Firefighting measures

General fire hazards Use standard firefighting procedures and consider the hazards of other involved materials.

5.1. Extinguishing media

Suitable extinguishing media Dry chemical, CO₂, water spray or alcohol resistant foam. Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture No unusual fire or explosion hazards noted. Fire Fighting Measures: Hazardous combustion products

5.3. Advice for firefighters

Special protective equipment for firefighters Wear suitable protective equipment. Use standard firefighting procedures and consider the hazards of other involved materials.
Special fire fighting procedures Containers should be cooled with water to prevent vapour pressure build up.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel Keep unnecessary personnel away. For personal protection, see section 8 of the SDS. Use personal protective equipment as required.
For emergency responders Use personal protective equipment as required.

6.2. Environmental precautions Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent entry into waterways, sewer, basements or confined areas.

6.3. Methods and material for containment and cleaning up Soak up with inert absorbent material. Clean up in accordance with all applicable regulations.

6.4. Reference to other sections For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling Do not taste or swallow. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities Store in a closed container. The product is stable and non-reactive under normal conditions of use, storage and transport. Store in a dry place.

7.3. Specific end use(s) Metal working fluids

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

UK. OELs. Workplace Exposure Limits (WELs) (EH40/2005 (Fourth Edition 2020)), Table 1

Components	Type	Value	Form
Vegetable Oil (CAS 8001-21-6)	TWA	4 mg/m ³	Respirable dust.
		10 mg/m ³	Inhalable dust.
Biological limit values	No biological exposure limits noted for the ingredient(s).		
Recommended monitoring procedures	Follow standard monitoring procedures.		
Derived no effect levels (DNELs)	Not available.		
Predicted no effect concentrations (PNECs)	Not available.		
8.2. Exposure controls			
Appropriate engineering controls	Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Eye wash fountain and emergency showers are recommended.		
Individual protection measures, such as personal protective equipment			
General information	Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.		
Eye/face protection	Safety glasses. (e.g. EN 166).		
Skin protection			
- Hand protection	For prolonged or repeated skin contact use suitable protective gloves. Nitrile gloves are recommended. Select suitable chemical resistant protective gloves (EN 374) with a protective index 5 (>240 min permeation time). Gloves with shorter breakthrough times may be acceptable providing that a regime of regular glove maintenance/replacement is established and managed.		
- Other	Wear appropriate chemical resistant clothing.		
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.		
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.		
Hygiene measures	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.		
Environmental exposure controls	Environmental manager must be informed of all major releases.		

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state	Liquid.
Form	Liquid.
Colour	Yellow
Odour	Mild
Odour threshold	Not available.
pH	Not available.
Melting point/freezing point	<0 °C (<32 °F)
Initial boiling point and boiling range	Not available.
Flash point	>300.0 °C (>572.0 °F)
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable
Upper/lower flammability or explosive limits	
Explosive limit - lower (%)	Not available.
Explosive limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	0.91 g/cm ³
Relative density temperature	25 °C (77 °F)

Solubility(ies)	
Solubility (water)	Insoluble
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

9.2. Other information

Flash point class	ASTM D92-90
Kinematic viscosity	35 mm ² /s
Kinematic viscosity temperature	40 °C (104 °F)
Specific gravity	0.905 - 0.925

SECTION 10: Stability and reactivity

10.1. Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability	Stable at normal conditions.
10.3. Possibility of hazardous reactions	Hazardous polymerisation does not occur.
10.4. Conditions to avoid	None known.
10.5. Incompatible materials	Powerful oxidizers. Strong acids. Alkalies.
10.6. Hazardous decomposition products	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. To avoid thermal decomposition, do not overheat.

SECTION 11: Toxicological information

Information on likely routes of exposure

Inhalation	No adverse effects due to inhalation are expected.
Skin contact	Not classified.
Eye contact	Not classified.
Ingestion	Expected to be a low ingestion hazard.

Symptoms	None known.
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11.1. Information on toxicological effects

Acute toxicity	Not classified.
Skin corrosion/irritation	Not classified.
Serious eye damage/eye irritation	Not classified.
Respiratory sensitisation	Not classified.
Skin sensitisation	This product is not expected to cause skin sensitisation.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	Not classifiable as to carcinogenicity to humans.
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not classified.
Mixture versus substance information	Not available.

SECTION 12: Ecological information

12.1. Toxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
12.2. Persistence and degradability	No data is available on the degradability of this product.

12.3. Bioaccumulative potential	No data available.
Partition coefficient n-octanol/water (log Kow)	Not available.
Bioconcentration factor (BCF)	Not available.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	Not a PBT or vPvB substance or mixture.
12.6. Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste	Dispose of in accordance with local regulations.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Follow precautions for safe handling described in this safety data sheet.
EU waste code	12 01 19 Readily biodegradable machining oil.
Disposal methods/information	Dispose of contents/container in accordance with local/regional/national/international regulations.
Special precautions	Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR

14.1. - 14.6.: Not regulated as dangerous goods.

RID

14.1. - 14.6.: Not regulated as dangerous goods.

ADN

14.1. - 14.6.: Not regulated as dangerous goods.

IATA

14.1. - 14.6.: Not regulated as dangerous goods.

IMDG

14.1. - 14.6.: Not regulated as dangerous goods.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No transport as bulk according to IBC - Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Retained direct EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended

Not listed.

Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended

Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended

VEGETABLE OIL (CAS 8001-21-6)

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA

Not listed.

Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended

Not listed.

Restrictions on use

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use, as amended
- Conditions of restriction given for the associated entry number should be considered**

Not listed.

EU legislation Regulation (EU) No. 528/2012 on biocides

None listed.

Other regulations

The product is classified and labelled in accordance with EC directives or respective national laws.

Follow national regulation for work with chemical agents.

15.2. Chemical safety assessment No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

List of abbreviations Not available.

References Not available.

Information on evaluation method leading to the classification of mixture The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

Full text of any statements or H-statements under Sections 2 to 15 None.

Revision information Product and Company Identification: EU Poison Centre
SECTION 2: Hazards identification: 2.3. Other hazards
Composition / Information on Ingredients: Disclosure Overrides
SECTION 6: Accidental release measures: For non-emergency personnel
Physical & Chemical Properties: Multiple Properties
SECTION 9: Physical and chemical properties: Colour
SECTION 16: Other information: Disclaimer

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