


Weldtite Products Ltd.

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**1 Identification of the substance / preparation and of the company**

**Product:** Weldtite TF2 Lubricant with Teflon  
**Registration number:** not applicable  
**Use:** Lubricant  
**Identified use:** none  
**Method of operation:** See product information.  
**Company:** Weldtite Products Ltd.  
Unit 9, Harrier Road, Humber Ind. Estate  
GB-Barton-on Humber North Lincolnshire DN 18 5RP  
**Phone:** 0044-1652-660000  
**Fax:** 0044-1652-660066  
**E-mail:** sales@weldtite.co.uk  
**Emergency phone:** +49 (0) 89-19240 (24h) .  
**Responsible:** haensler@chemiebuero.de

**2 Hazards identification**

**Physico-chemical hazards:** See chapter 10 and R-phrases.  
**Human health dangers:** See R-phrases.  
**Environmental hazards:** No particular hazards known.  
**Other hazards:** none  
**Hazard symbols:**   
Extremely flammable  
**R-phrases:** R 12: Extremely flammable. R 66: Repeated exposure may cause skin dryness or cracking.

**3 Composition / Information on ingredients**

Monoisopropanolamine salt of dodecyl benzene sulphonic acid	1 - < 20%
Xi, R36/38 CAS: 26264-05-1, EINECS/ELINCS: 247-556-2, EU-INDEX: , ECBnr:	
Mineral oil raffinate	1 - < 20%
CAS: , EINECS/ELINCS: , EU-INDEX: , ECBnr:	
Naphtha (petroleum), hydrotreated heavy	40 - < 60%
Xn, R10-65-66 CAS: 64742-48-9, EINECS/ELINCS: 265-150-3, EU-INDEX: 649-327-00-6, ECBnr:	
Propan/Butan/iso-Butan	20 - < 40%
F+, R12 CAS: 74-98-6/ 106-97-8/ 75-28-5, EINECS/ELINCS: 200-827-9/ 203-448-7/ 200-857-2, EU-INDEX: , ECBnr:	
(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine	0,1 - < 0,25%
Xi-N, R38-41-50/53 CAS: 110-25-8, EINECS/ELINCS: 203-749-3, EU-INDEX: , ECBnr:	

**Comment on component parts:** For the wording of the listed risk phrases refer to section 16.

**4 First aid measures**

**General information:** Change soaked clothing.  
**Inhalation:** Ensure supply of fresh air. In the event of symptoms seek for medical treatment.  
**Skin contact:** In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.  
**Eye contact:** In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.  
**Ingestion:** not applicable  
**Advice to doctor:** Treat symptomatically.

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**5 Fire-fighting measures**

<b>Suitable extinguishing media:</b>	Foam, dry powder, water spray jet, carbon dioxide.
<b>Extinguishing media that must not be used:</b>	Full water jet.
<b>Special exposure hazards arising from the substance or preparation itself or combustion products:</b>	Unknown risk of formation of toxic pyrolysis products. Carbon monoxide (CO). Not combusted hydrocarbons.
<b>Special protective equipment for firefighters:</b>	Use self-contained breathing apparatus.
<b>Additional information:</b>	Cool containers at risk with water spray jet. Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

**6 Accidental release measures**

<b>Personal precautions:</b>	Ensure adequate ventilation. Keep away from all sources of ignition.
<b>Environmental precautions:</b>	not applicable
<b>Methods for cleaning up:</b>	Take up residues with absorbent material (e.g. sand). Take up mechanically. Dispose of absorbed material in accordance within the regulations.

**7 Handling and storage**

<b>Advice on safe handling:</b>	Use only in well-ventilated areas. Avoid spilling or spraying in enclosed areas.
<b>Advice on protection against fire and explosion:</b>	Keep away from all sources of ignition. Do not smoke.
<b>Requirements for storage rooms and vessels:</b>	Provide solvent-resistant and impermeable floor.
<b>Advice on storage compatibility:</b>	Do not store together with oxidizing agents.
<b>Further information on storage conditions:</b>	Keep in a cool place, heat causes increase in pressure and risk of bursting. Protect from heat/overheating.

**8 Exposure controls / personal protection**

<b>Additional advice on system design:</b>	Ensure adequate ventilation on workstation.
<b><u>Ingredients with occupational exposure limits to be monitored: (GB)</u></b>	
<b>Respiratory protection:</b>	Breathing apparatus in the event of high concentrations. Short term: filter apparatus, filter A.
<b>Hand protection:</b>	Butyl rubber, >120 min (EN 374).
<b>Eye protection:</b>	Safety glasses.
<b>Skin protection:</b>	Solvent-resistant protective clothing.
<b>General protective measures:</b>	Do not inhale aerosols. Avoid contact with eyes and skin.
<b>Hygiene measures:</b>	Do not eat, drink, smoke or take drugs at work. Wash hands before breaks and after work. Use barrier skin cream.
<b>Delimitation and monitoring of the environmental exposition:</b>	not determined

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**9 Physical and chemical properties**

Form:	aerosol
Color:	amber colour
Odor:	characteristic
pH-value:	not applicable
pH-value [1%]:	not applicable
Boiling point [°C]:	not applicable
Flash point [°C]:	not applicable
Flammability [°C]:	not applicable
Lower explosion limit:	not determined
Upper explosion limit:	not determined
Combustible properties:	no
Vapour pressure [kPa]:	not applicable
Density [g/ml]:	not determined
Density [°C]:	not determined
Bulk density [kg/m <sup>3</sup> ]:	not applicable
Solubility in water:	not applicable
Partition coefficient [n-octanol/water]:	not determined
Viscosity:	not applicable
Relative vapour density determined in air:	not applicable
Evaporation speed:	not applicable
Melting point [°C]:	not applicable
Autoignition temperature [°C]:	not applicable
Decomposition temperature [°C]:	not applicable

**10 Stability and reactivity**

Hazardous reactions:	Risk of bursting. Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.
Hazardous decomposition products:	Flammable gases/vapours.

**11 Toxicological information**

Acute oral toxicity:	not determined
Acute dermal toxicity:	not determined
Acute inhalational toxicity:	not determined
Irritant effect on eye:	not determined
Irritant effect on skin:	not determined
Sensitization:	not determined
Subacute toxicity:	not determined
Chronic toxicity:	not determined
Mutagenicity:	not determined
Reproduction toxicity:	not determined
Carcinogenicity:	not determined
Experiences made in practice:	none
General remarks:	Toxicological data are not available. The product was classified on the basis of the calculation procedure of the preparation directive.

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**12 Ecological information**

<b>Fish toxicity:</b>	not determinated
<b>Daphnia toxicity:</b>	not determinated
<b>Behaviour in environment compartments:</b>	not applicable
<b>Behaviour in sewage plant:</b>	not applicable
<b>Bacteria toxicity:</b>	not determinated
<b>Biological degradability:</b>	not applicable
<b>COD:</b>	not determinated
<b>BOD 5:</b>	not determinated
<b>AOX-advice:</b>	No dangerous components.
<b>2006/11/EC:</b>	yes
<b>General information:</b>	Ecological data are not available.


**13 Disposal considerations**

<b>Disposal / Product:</b>	Dispose of as hazardous waste.
<b>Disposal / Contaminated packaging:</b>	Uncontaminated packaging may be taken for recycling. Packaging that cannot be cleaned should be disposed of as for product.
<b>Waste no. (recommended):</b>	160504*

**14 Transport information**

<b>Classification according to ADR:</b>	UN 1950 AEROSOLS 2
- Classification Code:	5F
- ADR Limited Quantities:	LQ2: 1l
- Label:	
<b>Classification according to IMDG:</b>	UN 1950 Aerosols 2.1 -
- IMDG Limited Quantities:	LQ: 1 l
- EMS:	F-D, S-U
- Label:	
<b>Classification according to IATA:</b>	UN 1950 Aerosols, flammable 2.1 -
- Label:	

**15 Regulatory information**

<b>Exposure scenario:</b>	not applicable
<b>Chemical safety report:</b>	not applicable
<b>Labelling:</b>	The product is classified and labelled in accordance within EC-directives.
<b>Hazard symbols:</b>	 Extremely flammable
<b>R-phrases:</b>	R 12: Extremely flammable. R 66: Repeated exposure may cause skin dryness or cracking.
<b>S-phrases:</b>	S 23.4: Do not breathe spray. S 24: Avoid contact with skin. S 51: Use only in well-ventilated areas.
<b>Special labelling for certain preparations:</b>	Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of reach of children.
<b>Authorisation, TITEL VII:</b>	not applicable
<b>Restrictions, TITEL VIII:</b>	not applicable
<b>EEC-REGULATIONS:</b>	1967/548 (2004/73, 29. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006.
<b>TRANSPORT-REGULATIONS:</b>	ADR (2007); IMDG-Code (33. Amtd.); IATA-DGR (2007).
<b>NATIONAL REGULATIONS (GB):</b>	EH40/2002 Occupational Exposure Limits Supplement 2003.

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**16 Other informations**

**R-phrases (Chapter 03):**

- R 65: Harmful - may cause lung damage if swallowed.
- R 12: Extremely flammable.
- R 36/38: Irritating to eyes and skin.
- R 38: Irritating to skin.
- R 41: Risk of serious damage to eyes.
- R 50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R 66: Repeated exposure may cause skin dryness or cracking.
- R 10: Flammable.

**Observe employment restrictions for people:** yes

**VOC (1999/13/CE):** not determinated

**Customs Tariff:** not determinated

**2004/42/CE:** not applicable

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.