

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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TW-C Liquid Cutting Oil

Revision 1

Revision date 2023-03-04

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

Product name	TW-C Liquid Cutting Oil
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1.1. Product identifier

1.3. Details of the supplier of the safety data sheet

Company	STEVENS INDUSTRIAL SERVICES (SIS) LTD
Address	Unit 7 Hatfield Way South Church Enterprise Park Bishop Auckland DL14 6XF
Web	www.stevens-sis.co.uk
Telephone	01388 772233
Fax	01388 772263
Email	sales@stevens-sis.co.uk
Email address of the competent person	sales@stevens-sis.co.uk

1.4. Emergency telephone number

Emergency telephone number	01388 772233 Mon - Fri 9.00 am - 5.00pm
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Main hazards	No Significant Hazard
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2.2. Label elements

Risk phrases	No Significant Hazard
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SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
2-Methylpentane-2,4-diol	603-053-00-3	107-41-5	203-489-0			Xi; R36/38	
Phosphoric acid...% (Orthophosphoric acid)	015-011-00-6	7664-38-2	231-633-2			C; R34	
Diethylene glycol (2,2'-Oxydiethanol)	603-140-00-6	111-46-6	203-872-2			Xn; R22	

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3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
2-Methylpentane-2,4-diol	603-053-00-3	107-41-5	203-489-0			Eye Irrit. 2: H319; Skin Irrit. 2: H315;	
Phosphoric acid...% (Orthophosphoric acid)	015-011-00-6	7664-38-2	231-633-2			Skin Corr. 1B: H314;	
Diethylene glycol (2,2'-Oxydiethanol)	603-140-00-6	111-46-6	203-872-2			Acute Tox. 4: H302;	

SECTION 4: First aid measures

4.1. Description of first aid measures

SECTION 5: Firefighting measures

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions. **EXTINGUISHING MEDIA: Carbon dioxide (CO₂). Foam.**

5.2. Special hazards arising from the substance or mixture

Carbon dioxide (CO₂). may be formed in fire conditions.

SECTION 6: Accidental release measures

6.2. Environmental precautions

Do not empty into drains; dispose of this material and its container in a safe way.

6.3. Methods and material for containment and cleaning up

Remove mechanically; cover the remainder with wet, absorbent material (e.g. sawdust, chemical binder based on calcium silicate hydrate, sand). After approximately one hour transfer to waste container and do not seal (evolution of CO₂!). Clean area thoroughly with detergent.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not breathe gas/fumes/vapour/spray. Use only in well-ventilated areas. Avoid contact with eyes and skin. When using do not eat, drink or smoke.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

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8.1.1. Exposure Limit Values

2-Methylpentane-2,4-diol	<p>WEL 8-hr limit ppm: 25</p> <p>WEL 15 min limit ppm: 25</p> <p>WEL 8-hr limit mg/m3 total - inhalable dust:</p> <p>WEL 8-hr limit mg/m3 total - respirable dust:</p>	<p>WEL 8-hr limit mg/m3: 123</p> <p>WEL 15 min limit mg/m3: 123</p> <p>WEL 15 min limit mg/m3 total - inhalable dust:</p> <p>WEL 15 min limit mg/m3 total - respirable dust:</p>
Diethylene glycol (2,2'-Oxydiethanol)	<p>WEL 8-hr limit ppm: 23</p> <p>WEL 15 min limit ppm: -</p> <p>WEL 8-hr limit mg/m3 total - inhalable dust:</p> <p>WEL 8-hr limit mg/m3 total - respirable dust:</p>	<p>WEL 8-hr limit mg/m3: 101</p> <p>WEL 15 min limit mg/m3: -</p> <p>WEL 15 min limit mg/m3 total - inhalable dust:</p> <p>WEL 15 min limit mg/m3 total - respirable dust:</p>
Phosphoric acid...% (Orthophosphoric acid)	<p>WEL 8-hr limit ppm: -</p> <p>WEL 15 min limit ppm: -</p> <p>WEL 8-hr limit mg/m3 total - inhalable dust:</p> <p>WEL 8-hr limit mg/m3 total - respirable dust:</p>	<p>WEL 8-hr limit mg/m3: 1</p> <p>WEL 15 min limit mg/m3: 2</p> <p>WEL 15 min limit mg/m3 total - inhalable dust:</p> <p>WEL 15 min limit mg/m3 total - respirable dust:</p>

SECTION 9: Physical and chemical properties

SECTION 10: Stability and reactivity

10.4. Conditions to avoid

Keep away from heat.

10.5. Incompatible materials

Avoid contact with: Acids. Oxidising agents.

SECTION 11: Toxicological information

SECTION 12: Ecological information

SECTION 13: Disposal considerations

Disposal methods

Dispose of in compliance with all. Local and national regulations.

SECTION 14: Transport information

SECTION 15: Regulatory information

SECTION 16: Other information

Other information

Revision This document differs from the previous version in the following areas:.

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Other information

	<p>4 - Skin contact. 4 - Eye contact. 4 - Inhalation. 4 - Ingestion. 5 - 5.1. Extinguishing media. 5 - 5.2. Special hazards arising from the substance or mixture. 6 - 6.2. Environmental precautions. 6 - 6.3. Methods and material for containment and cleaning up. 7 - 7.1. Precautions for safe handling. 10 - 10.4. Conditions to avoid. 10 - 10.5. Incompatible materials. 13 - Disposal methods.</p>
Text of risk phrases in Section 3	<p>R22 - Harmful if swallowed. R34 - Causes burns. R36/38 - Irritating to eyes and skin.</p>
Text of Hazard Statements in Section 3	<p>Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Acute Tox. 4: H302 - Harmful if swallowed.</p>