



SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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Sif Gasflux Liquid

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

1.1. Product identifier

Product name	Sif Gasflux Liquid
Product code	FXGF3L

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

Product Use	[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [SU15] Manufacture of fabricated metal products, except machinery and equipment; [PC38] Welding and soldering products (with flux coatings or flux cores.), flux products;
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1.3. Details of the supplier of the safety data sheet

Company	Weldability Sif
Address	Peters House, The Orbital Centre, Icknield Way, Letchworth Garden City, Hertfordshire, SG6 1ET. UK.
Web	www.weldability-sif.com
Telephone	0870 330 7757
Fax	0800 970 7757
Email	service@weldability-sif.com
Email address of the competent person	msds@weldability-sif.com

1.4. Emergency telephone number

Emergency telephone number	0870 330 7757
Company	Weldability Sif 8.30 - 5.30 Mon - Fri

SECTION 2: Hazards identification


2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	F; R11 T; R23/24/25-39/23/24/25 R66 Symbols: F: Highly flammable. T: Toxic.
Main hazards	Highly flammable. Toxic by inhalation, in contact with skin and if swallowed. Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed. Repeated exposure may cause skin dryness or cracking.
2.1.2. Classification - EC 1272/2008	: EUH066; Flam. Liq. 2: H225; Acute Tox. 4: H302; Acute Tox. 3: H311; Eye Irrit. 2: H319; Acute Tox. 4: H332; STOT SE 1: H370;

2.2. Label elements

Sif Gasflux Liquid

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Hazard pictograms	
Signal Word	Danger
Hazard Statement	EUH066 - Repeated exposure may cause skin dryness or cracking. Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Acute Tox. 4: H302 - Harmful if swallowed. Acute Tox. 3: H311 - Toxic in contact with skin. Eye Irrit. 2: H319 - Causes serious eye irritation. Acute Tox. 4: H332 - Harmful if inhaled. STOT SE 1: H370 - Causes damage to organs .
Precautionary Statement: Prevention	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed. P240 - Ground/bond container and receiving equipment. P241 - Use explosion-proof electrical/ventilating/lighting/ equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P270 - Do no eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ /if you feel unwell. P302+P352 - IF ON SKIN: Wash with plenty of water/ . P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 - Call a POISON CENTER/doctor/ /if you feel unwell. P321 - Specific treatment (see on this label). P330 - Rinse mouth. P337+P313 - If eye irritation persists: Get medical advice/attention. P370+P378 - In case of fire: Use to extinguish.
Precautionary Statement: Storage	P403+P235 - Store in a well-ventilated place. Keep cool. P405 - Store locked up.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to

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.
Trimethyl borate	005-005-00-1	121-43-7	204-468-9		50 - 60%	R10 Xn; R21	
Acetone	606-001-00-8	67-64-1	200-662-2		20 - 30%	F; R11 Xi; R36 R66 R67	
Methanol	603-001-00-X	67-56-1	200-659-6		10 - 20%	F; R11 T; R23/24/25-39/23/24/25	

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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.
Trimethyl borate	005-005-00-1	121-43-7	204-468-9		50 - 60%	Flam. Liq. 3: H226; Acute Tox. 4: H312;	
Acetone	606-001-00-8	67-64-1	200-662-2		20 - 30%	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;	
Methanol	603-001-00-X	67-56-1	200-659-6		10 - 20%	Flam. Liq. 2: H225; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT SE 1: H370;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. Seek medical attention.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention.
Skin contact	Wash with water.
Ingestion	Immediate medical attention is required. Drink 1 to 2 glasses of water. If ingested, induce vomiting, but only under medical supervision. Never give anything by mouth to an unconscious person.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Carbon dioxide (CO ₂). Water spray. Dry chemical. Foam.
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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Eliminate all sources of ignition. Ensure adequate ventilation of the working area. Wear suitable respiratory equipment when necessary. Wear suitable protective clothing and eye/face protection.
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6.2. Environmental precautions

	Advise local authorities if large spills cannot be contained.
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6.3. Methods and material for containment and cleaning up

	Dispose of in compliance with all local regulations. Refer to disposal considerations in Section 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Handle and open container with care.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep away from sources of ignition - No smoking. Keep in a cool, dry, well ventilated area. Take precautionary measures against static discharges.
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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

Acetone	WEL 8-hr limit ppm: 500	WEL 8-hr limit mg/m3: 1210
	WEL 15 min limit ppm: 1500	WEL 15 min limit mg/m3: 3620
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:
Methanol	WEL 8-hr limit ppm: 200	WEL 8-hr limit mg/m3: 266
	WEL 15 min limit ppm: 250	WEL 15 min limit mg/m3: 333
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:

8.2. Exposure controls

	 
8.2.1. Appropriate engineering controls	Keep away from foodstuffs, beverages and feed. Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Remove contaminated clothing.
Eye / face protection	Avoid contact with eyes. Wear eye/face protection.
Skin protection - Handprotection	Wear suitable gloves. Wash hands after handling the product.
Respiratory protection	Appropriate respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless
Odour	Characteristic
Flash point	- 7.7C
Solubility	Soluble in water

SECTION 10: Stability and reactivity

10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	No Significant Hazard.
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10.4. Conditions to avoid

	Contact with water liberates toxic gas.
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10.5. Incompatible materials

	Strong oxidising agents. Nitrogen oxides. Peroxides. Zinc.
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10.6. Hazardous decomposition products

	Toxic fumes.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

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11.1. Information on toxicological effects

Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	May cause irritation to skin, eyes and mucous membranes.
Respiratory or skin sensitisation	May cause dizziness and headache. Ingestion may cause nausea and vomiting.

SECTION 12: Ecological information

Further information

	Toxic to aquatic organisms. Water endangering. Do not allow product to enter drains. Do not flush into surface water.
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SECTION 13: Disposal considerations

Disposal methods

	This material and its container must be disposed of in a safe way. Local and national regulations. Do not mix with household rubbish.
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SECTION 14: Transport information

Hazard pictograms

	
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14.1. UN number

	UN1993
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14.2. UN proper shipping name

	FLAMMABLE LIQUID, N.O.S. (SIF GASFLUX LIQUID)
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14.3. Transport hazard class(es)

ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

14.4. Packing group

Packing group	II
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14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

ADR/RID

Hazard ID	33
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IMDG

EmS Code	F-E S-E
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IATA

Packing Instruction (Cargo)	364
Maximum quantity	60 L

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IATA

Maximum quantity	5 L
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SECTION 15: Regulatory information

SECTION 16: Other information

Other information

Revision	<p>This document differs from the previous version in the following areas:.</p> <ul style="list-style-type: none"> 2 - 2.1. Classification of the substance or mixture. 2 - 2.1.2. Classification - EC 1272/2008. 2 - Hazard pictograms. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Storage. 9 - 9.1. Information on basic physical and chemical properties (Flash point). 14 - ADR/RID. 15 - Labelling. 15 - Risk phrases. 15 - Safety phrases.
Text of risk phrases in Section 3	<ul style="list-style-type: none"> R10 - Flammable R11 - Highly flammable. R21 - Harmful in contact with skin. R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed. R36 - Irritating to eyes. R39/23/24/25 - Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed. R66 - Repeated exposure may cause skin dryness or cracking. R67 - Vapours may cause drowsiness and dizziness.
Text of Hazard Statements in Section 3	<ul style="list-style-type: none"> Flam. Liq. 3: H226 - Flammable liquid and vapour. Acute Tox. 4: H312 - Harmful in contact with skin. EUH066 - Repeated exposure may cause skin dryness or cracking. Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H336 - May cause drowsiness or dizziness. Acute Tox. 3: H301 - Toxic if swallowed. Acute Tox. 3: H311 - Toxic in contact with skin. Acute Tox. 3: H331 - Toxic if inhaled. STOT SE 1: H370 - Causes damage to organs . STOT SE 2: H371 - May cause damage to organs .

General information

	<p>This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. The information supplied in this safety data sheet is designed only as guidance for safe use, storage and handling of the product. This information relates only to the specific goods listed and may not be valid for such material used in combination with any other product(s).</p>
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