

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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Stainless Steel Flux

Revision 1

Revision date 2015-11-16

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

1.1. Product identifier

Product name	Stainless Steel Flux
Product code	FO200050

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	T; R60-61Xn; R48/20 Symbols: T: Toxic.
Main hazards	Harmful: danger of serious damage to health by prolonged exposure through inhalation. May impair fertility. May cause harm to the unborn child.
2.1.2. Classification - EC 1272/2008	Repr. 1B: H360FD; Repr. 1B: H360Fd;


2.2. Label elements

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2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Repr. 1B: H360FD - May damage fertility. May damage the unborn child. Repr. 1B: H360Fd - May damage fertility. Suspected of damaging the unborn child.
Precautionary Statement: Prevention	P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P308+P313 - IF exposed or concerned: Get medical advice/attention.
Precautionary Statement: Storage	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.
disodium tetraborate, anhydrous. (Disodium tetraborate, anhydrous)	005-011-00-4	1330-43-4	215-540-4			Repr. Cat. 2; R60-61	
Calcium Oxide		1305-78-8	215-138-9				
Cristobalite		14464-46-1	238-455-4			Xn; R48/20	

EC 1272/2008

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Calcium Oxide		1305-78-8	215-138-9				

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention.
Skin contact	No irritation expected.
Ingestion	DO NOT INDUCE VOMITING. DO NOT DRINK. If swallowed, seek medical advice immediately and show this container or label.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	Wear protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid formation of dust.

6.2. Environmental precautions

Do not allow product to enter drains. Do not allow runoff water to enter sewers or drains. Advise local authorities if large spills cannot be contained.

6.3. Methods and material for containment and cleaning up

Dispose of in compliance with all section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid formation of dust. Handle and open container with care. Wear suitable respiratory equipment when necessary.

7.2. Conditions for safe storage, including any incompatibilities

Advised preservation period under normal conditions is 6 months.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Calcium Oxide	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 2
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
	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:
disodium tetraborate, anhydrous. (Disodium tetraborate, anhydrous)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 1
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
	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.

8.2.2. Individual protection measures

Remove contaminated clothing. Protect clothing from contact with the product. Avoid contact with eyes and skin.

Eye / face protection

Suitable eye protection.

Skin protection - Handprotection

Wear suitable gloves.

Skin protection - Other

After contact with skin, wash immediately with plenty of water.

Respiratory protection

Suitable respiratory equipment.

SECTION 9: Physical and chemical properties

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9.1. Information on basic physical and chemical properties

Appearance	Solid/Powder
Colour	White
Odour	Odourless
Solubility	Slightly soluble in water

SECTION 10: Stability and reactivity

10.2. Chemical stability

	Stable under normal conditions.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Harmful if swallowed.
Skin corrosion/irritation	No irritation expected.
Serious eye damage/irritation	Irritant, severe eye.

SECTION 12: Ecological information

12.2. Persistence and degradability

	Water endangering.
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Further information

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

General information

	Dispose of in compliance with all local and national regulations.
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Disposal methods

	Do not empty into drains. Do not mix with household rubbish.
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SECTION 14: Transport information

Hazard pictograms



14.1. UN number

	UN3288
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14.2. UN proper shipping name

	TOXIC SOLID, INORGANIC, N.O.S.
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14.3. Transport hazard class(es)

ADR/RID	6.1
Subsidiary risk	-
IMDG	6.1
Subsidiary risk	-
IATA	6.1
Subsidiary risk	-

14.4. Packing group

Packing group	III
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14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

ADR/RID

Hazard ID	60
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IMDG

EmS Code	F-A S-A
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IATA

Packing Instruction (Cargo)	677
Maximum quantity	200 kg
Packing Instruction (Passenger)	670
Maximum quantity	100 kg

SECTION 15: Regulatory information

SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas: 2 - 2.1.2. Classification - EC 1272/2008. 2 - Signal Word. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Storage. 2 - Precautionary Statement: Disposal.
Text of risk phrases in Section 3	R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation. R60 - May impair fertility. R61 - May cause harm to the unborn child.
Text of Hazard Statements in Section 3	Repr. 1B: H360FD - May damage fertility. May damage the unborn child.

General information

	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).
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