

## SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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### Tool Tip / Braze Stainless Flux

Revision 4

Revision date 2015-11-16

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

##### 1.1. Product identifier

Product name	Tool Tip / Braze Stainless Flux
Product code	FO020050

##### 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; R60-61 Symbols: T: Toxic.
Main hazards	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

Hazard pictograms	
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## 2.2. Label elements

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.
boric acid. .	005-007-00-2	10043-35-3	233-139-2		50 - 60%	Repr. Cat. 2; R60-61	
disodium tetraborate, anhydrous. . (Disodium tetraborate, anhydrous)	005-011-00-4	1330-43-4	215-540-4		20 - 30%	Repr. Cat. 2; R60-61	

#### EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
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disodium tetraborate, anhydrous. . (Disodium tetraborate, anhydrous)	005-011-00-4	1330-43-4	215-540-4		20 - 30%	Repr. 1B: H360FD;	

## 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.
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

	Carbon dioxide (CO2). Extinguishing media. Water spray. Alcohol resistant foam.
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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

### 6.2. 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.
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### 6.3. Methods and material for containment and cleaning up

	Dispose of in compliance with all section 13.
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## 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

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.

#### 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

### 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.

### 10.5. Incompatible materials

Strong acids.

### 10.6. Hazardous decomposition products

None.

## SECTION 11: Toxicological information

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## 11.1. Information on toxicological effects

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

## 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

	
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## 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	Yes
Marine pollutant	Yes

## 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
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IATA	
Maximum quantity	200 kg
Packing Instruction (Passenger)	670
Maximum quantity	100 kg

## 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"> <li>2 - 2.1.2. Classification - EC 1272/2008.</li> <li>2 - Hazard pictograms.</li> <li>2 - Signal Word.</li> <li>2 - Precautionary Statement: Prevention.</li> <li>2 - Precautionary Statement: Response.</li> <li>2 - Precautionary Statement: Storage.</li> <li>2 - Precautionary Statement: Disposal.</li> </ul>
Text of risk phrases in Section 3	<p>R60 - May impair fertility. R61 - May cause harm to the unborn child.</p>
Text of Hazard Statements in Section 3	<p>Repr. 1B: H360FD - May damage fertility. May damage the unborn child.</p>

### 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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