

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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Aluminium No 36 Flux

Revision 4
Revision date 2016-07-19

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

1.1. Product identifier

Product name	Aluminium No 36 Flux
Product code	FO360050

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; [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	Xn; R22-48/20/22 Xi; R37/38 R52/53 Symbols: Xn: Harmful.
Main hazards	Harmful if swallowed. Irritating to respiratory system and skin. Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
2.1.2. Classification - EC 1272/2008	STOT RE 2: H373; Aquatic Chronic 3: H412;

2.2. Label elements

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2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure . Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Precautionary Statement: Prevention	P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P273 - Avoid release to the environment.
Precautionary Statement: Response	P314 - Get medical advice/attention if you feel unwell.
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.
Lithium chloride		7447-41-8	231-212-3		10 - 20%	Xn; R22 Xi; R37/38	
Cryolite	009-016-00-2	15096-52-3	239-148-8		1 - 10%	T; R48/23/25 Xn; R20/22 N; R51/53	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Potassium Chloride		7447-40-7	231-211-8		30 - 40%		
Sodium Chloride		7647-14-5	231-598-3		20 - 30%		
Lithium chloride		7447-41-8	231-212-3		10 - 20%		
Cryolite	009-016-00-2	15096-52-3	239-148-8		1 - 10%	STOT RE 1: H372; Acute Tox. 4: H332; Acute Tox. 4: H302; Aquatic Chronic 2: H411;	

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. If unconscious place in the recovery position.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention.
Skin contact	Wash off immediately with plenty of soap and water.
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

	Alcohol resistant foam. Carbon dioxide (CO2). Extinguishing media. Water spray.
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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.
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7.2. Conditions for safe storage, including any incompatibilities

	Advised preservation period under normal conditions is 6 months.
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SECTION 8: Exposure controls/personal protection**8.2. Exposure controls****8.2.1. Appropriate engineering controls**

	Keep away from foodstuffs, beverages and feed.
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Skin protection - Handprotection

	Wear suitable gloves.
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Skin protection - Other

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

	Suitable respiratory equipment.
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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.
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10.5. Incompatible materials

	Strong acids.
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10.6. Hazardous decomposition products

	Hydrogen fluoride.
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SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

	Harmful if swallowed.
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Skin corrosion/irritation

	No irritation expected.
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Serious eye damage/irritation

	No irritation expected.
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SECTION 12: Ecological information

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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

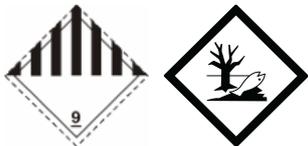
	Dispose of in compliance with all local and national regulations.
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Disposal methods

	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

	UN3077
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14.2. UN proper shipping name

	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
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14.3. Transport hazard class(es)

ADR/RID	9
Subsidiary risk	-
IMDG	9
Subsidiary risk	-
IATA	9
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	90
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IMDG

EmS Code	F-A S-F
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IATA

Packing Instruction (Cargo)	956
Maximum quantity	400 kg
Packing Instruction (Passenger)	956
Maximum quantity	400 kg

SECTION 15: Regulatory information

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Further information

	No further Information.
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SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas: 15 - Further information.
Text of risk phrases in Section 3	R20/22 - Harmful by inhalation and if swallowed. R22 - Harmful if swallowed. R37/38 - Irritating to respiratory system and skin. R48/23/25 - Toxic: danger of serious damage to health by prolonged exposure through inhalation and if swallowed. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Text of Hazard Statements in Section 3	Acute Tox. 4: H302 - Harmful if swallowed. Acute Tox. 4: H332 - Harmful if inhaled. STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure . Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

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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