

SAFETY DATA SHEET
SOLDERING FLUX



1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

PRODUCT NAME: SOLDERING FLUX
PART No : 845122
SUPPLIER FST Consumables Ltd, Seymour Road, Nuneaton, Warwickshire, CV11 4JD
TELEPHONE 02476 641919
FAX 02476 322135
E-MAIL sales@fstconsumables.com

2. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NO.	EC NO.	SYMBOLS	R PHRASES
Zinc Chloride	7646-85-7	231-592-0	C-Corrosive	34

3. HAZARDS IDENTIFICATION

PHYSICAL/CHEMICAL HAZARDS No significant chemical hazard
ENVIRONMENTAL HAZARDS Toxic to aquatic organisms
HUMAN HEALTH HAZARDS Corrosive to skin and eyes. Harmful if swallowed

4. FIRST AID MEASURES (SYMPTOMS / ACTION)

CONTACT WITH SKIN

Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists call a physician

CONTACT WITH EYES

Rinse thoroughly with plenty of water including under the eyelids. If irritation persists consult a specialist

INHALATION

Remove to fresh air

INGESTION

Immediately give plenty of water to drink. Call a physician immediately.

5. FIRE-FIGHTING MEASURES

Use dry powder, foam or carbon dioxide (Co2)

Cool containers with water spray

6. ACCIDENTAL RELEASE MEASURES

Wear suitable protective clothing and gloves

Absorb spillage in earth or sand

Prevent entry into sewer or drains

7. HANDLING AND STORAGE

Keep containers in a cool dry ventilated place

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OEL (United Kingdom) Zinc Chloride Fume
1 mg /m³ 8-Hour TWA
2 mg/m³ 15 min.

SKIN AND BODY PROTECTION	Protective worksuit
HAND PROTECTION	Rubber or plastic gloves
EYE PROTECTION	Goggles

9. PHYSICAL AND CHEMICAL PROPERTIES

Yellowish liquid with a light acidic aroma
Melting point 183 deg C
pH 5 (10%)
Miscible with water

10. STABILITY AND REACTIVITY

STABILITY	Stable
CONDITIONS TO AVOID	Excessive heating

11. TOXICOLOGICAL INFORMATION

ORAL	LD50/oral/rat = 350mg/kg. Harmful if swallowed
SKIN IRRITATION	Irritant
EYE IRRITATION	Severe irritant

12. ECOLOGICAL INFORMATION

Not biodegradable. Known to be toxic to aquatic organisms - no data available

13. DISPOSAL CONSIDERATIONS

Absorb in earth or sand or sepiolite substance. Remove to a suitable container and dispose of as a special waste.

14. TRANSPORT INFORMATION

UN NUMBER	1840	IMDG	82337
IATA-DGR	Class 8 - Corrosive		
UN PACKING GROUP	III		

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15. REGULATORY INFORMATION

LABEL INFORMATION

EC Classification (67/548/EEC-88/379/EEC)



UN 1840 Zinc Chloride in solution

C - Corrosive

R-PHRASE

S-PHRASES(S)

R34 Causes burns

S7/8 Keep container tightly closed and dry

S28 After contact with skin wash immediately with plenty of water

16. OTHER INFORMATION

References : Croners Hazard Information and Packaging

Statutory Controls : The control of substances hazardous to health 1988

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