



SAFETY DATA SHEET

EFX STRIP

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Compilation date: 07/01/2015

Revision date: 24/05/17

Revision No: 4

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

1.1. Product identifier

Product name: EFX STRIP

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

Use of substance / mixture: PC9a: Coatings and paints, thinners, paint removers. Restricted to industrial use and to professionals approved in certain EU Member States - verify where use is allowed

1.3. Details of the supplier of the safety data sheet

Company name: Confederate Chemicals Ltd

Mochdre Industrial Estate

Newtown

Powys

SY16 4LE

Tel: 01686 627158

Email: lab@confederatechemicals.co.uk

1.4. Emergency telephone number

Emergency tel: 01686 627158

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Acute Tox. 3: H301+331; STOT SE 1: H370; Acute Tox. 2: H310; Carc. 2: H351; Flam. Liq. 3: H226; Skin Corr. 1A: H314

Most important adverse effects: Flammable liquid and vapour. Toxic if swallowed or if inhaled. Fatal in contact with skin. Causes severe skin burns and eye damage. Suspected of causing cancer. Causes damage to organs .

2.2. Label elements

Label elements:

Hazard statements: H226: Flammable liquid and vapour.

H301+331: Toxic if swallowed or if inhaled.

H310: Fatal in contact with skin.

H314: Causes severe skin burns and eye damage.

H351: Suspected of causing cancer.

H370: Causes damage to organs .

[cont...]

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Hazard pictograms: GHS02: Flame
GHS05: Corrosion
GHS06: Skull and crossbones
GHS08: Health hazard



Signal words: Danger

Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241: Use explosion-proof electrical/ventilating/lighting/.. equipment.

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P262: Do not get in eyes, on skin, or on clothing.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P361+364: Take off immediately all contaminated clothing and wash it before reuse.

2.3. Other hazards

Other hazards: Danger of serious damage to health by prolonged exposure.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

DICHLOROMETHANE - REACH registered number(s): 01-2119480404-41

EINECS	CAS	PBT / WEL	CLP Classification	Percent
200-838-9	75-09-2	-	Carc. 2: H351	70-90%

METHANOL - REACH registered number(s): 01-2119433307-44

200-659-6	67-56-1	-	Flam. Liq. 2: H225; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT SE 1: H370	10-30%
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HYDROFLUORIC ACID...60% - REACH registered number(s): 01-2119458860-33-0007

231-634-8	7664-39-3	-	Acute Tox. 2: H330; Acute Tox. 1: H310; Acute Tox. 2: H300; Skin Corr. 1A: H314	1-10%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning. Consult a doctor.

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Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact: Corneal burns may occur. May cause permanent damage.

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Use calcium gluconate gel on burns and calcium tablets if ingested

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Corrosive. In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid. Evacuate the area immediately. Refer to section 8 of SDS for personal protection details.

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6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding. Alert the neighbourhood to the presence of fumes or gas.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Wash hands after handling chemical. Pipes used to transfer the product must be free of water. Smoking is forbidden. Do not consume food or drink in working area. Remove contaminated clothing and protective equipment before entering eating areas.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Keep away from direct sunlight.

7.3. Specific end use(s)

Specific end use(s): PC9a: Coatings and paints, thinners, paint removers. Restricted to industrial use and to professionals approved in certain EU Member States - verify where use is allowed

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

DICHLOROMETHANE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	350 mg/m ³	1060 mg/m ³	-	-

METHANOL

UK	266 mg/m ³	333 mg/m ³	-	-
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HYDROFLUORIC ACID...60%

UK	2.5 mg/m ³	2.5 mg/m ³	-	-
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DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure there is sufficient local exhaust ventilation. Ensure lighting and electrical equipment are not a source of ignition. Ensure evaporation of chemical is minimised by using tanks with lids which are closed except for during loading and unloading of the tank. Ensure suitable measures are in place for the safe transfer and handling of the chemical in the strip tank and ensure suitable measures for safe cleaning of tanks and removal of sludge are implemented. Ensure adequate information and training is provided to operators for the implementation of measures and use of equipment.

Respiratory protection: Respiratory protective device to be used in handling of product. Half face filtering respirator (EN140). Particulate filter P3R (EN143) Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Wear Nitrile (HF Resistant) disposable gloves beneath PVC outer gauntlets

Eye protection: Tightly fitting safety goggles. Face-shield. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing. Full PVC chemical suit, boots and hood. Trousers must be outside the boots and sleeves outside the gloves.

Environmental: An environmental assessment must be made to ensure compliance with local environmental legislation. Refer to specific Member State legislation for requirements under Community environmental legislation.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Pale yellow

Odour: Characteristic chlorinated solvent

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Not miscible

Flash point°C: 23 - 60

pH: <2

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

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10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

DICHLOROMETHANE

ORL	MUS	LD50	4770	mg/kg
ORL	RAT	LD50	5350	mg/kg
SCU	MUS	LD50	6460	mg/kg

METHANOL

IVN	RAT	LD50	2131	mg/kg
ORL	MUS	LD50	7300	mg/kg
ORL	RAT	LD50	5628	mg/kg

HYDROFLUORIC ACID...60%

IPR	RAT	LDLO	25	mg/kg
SCU	FRG	LDLO	112	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 3)	INH ING	Hazardous: calculated
Acute toxicity (ac. tox. 2)	DRM	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Carcinogenicity	--	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact: Corneal burns may occur. May cause permanent damage.

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Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

DICHLOROMETHANE

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN3286

14.2. UN proper shipping name

Shipping name: FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.

14.3. Transport hazard class(es)

Transport class: 3 (6.1+8)

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14.4. Packing group

Packing group: II

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Tunnel code: D/E

Transport category: 2

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H300: Fatal if swallowed.

H301: Toxic if swallowed.

H301+331: Toxic if swallowed or if inhaled.

H310: Fatal in contact with skin.

H311: Toxic in contact with skin.

H314: Causes severe skin burns and eye damage.

H330: Fatal if inhaled.

H331: Toxic if inhaled.

H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H370: Causes damage to organs <or state all organs affected, if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.