



SAFETY DATA SHEET 5L SUPPER PROFESSIONAL FLOOR STRIPPER F1

Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

1.1. Product identifier

Product name 5L SUPPER PROFESSIONAL FLOOR STRIPPER F1

Product number 800-102-0003 F1

Container size 5L

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

Identified uses Detergent. Floor polish stripper.

1.3. Details of the supplier of the safety data sheet

Supplier Mirius™

A Coventry Group Company

Woodhams Road Siskin Drive Coventry CV3 4FX

Tel: +44 (0) 02476 639 739 Fax: +44 (0) 02476 639 717 Email: sales@mirius.com

Contact person For content of safety data sheet:, sds@mirius.com

1.4. Emergency telephone number

Emergency telephone +44 (0) 1865407333 (Strictly for emergencies only: incidents involving damage to human

health and/or the environment)

National emergency telephone In case of a medical emergency following exposure to a chemical call NHS Direct in England

number or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Skin Corr. 1B - H314 Eye Dam. 1 - H318

Environmental hazards Not Classified

2.2. Label elements

Pictogram



Signal word Danger

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Hazard statements H314 Causes severe skin burns and eye damage.

Precautionary statements P280 Wear protective gloves/ protective clothing/ eye protection.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water or shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/ doctor.

P501 Dispose of contents/ container in accordance with national regulations.

Contains DISODIUM METASILICATE, TETRASODIUM ETHYLENE DIAMINE TETRAACETATE,

ALCOHOLS, C12-14, ETHOXYLATED, SODIUM HYDROXIDE

Detergent labelling < 5% EDTA and salts thereof, < 5% non-ionic surfactants

Supplementary precautionary

P260 Do not breathe vapour/ spray.

statements

P264 Wash contaminated skin thoroughly after handling.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P321 Specific treatment (see medical advice on this label).

P363 Wash contaminated clothing before reuse.

P405 Store locked up.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

2-(2-BUTOXYETHOXY)ETHANOL	5-10%

CAS number: 112-34-5 EC number: 203-961-6 REACH registration number: 01-

2119475104-44-xxxx

Classification

Eye Irrit. 2 - H319

DISODIUM METASILICATE 1-5%

CAS number: 6834-92-0 EC number: 229-912-9 REACH registration number: 01-

2119449811-37-XXXX

Classification Classification (67/548/EEC or 1999/45/EC)

Met. Corr. 1 - H290 C;R34 Xi;R37

Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335

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TETRASODIUM ETHYLENE DIAMINE TETRAACETATE

1-5%

CAS number: 64-02-8 EC number: 200-573-9 REACH registration number: 01-

2119486762-27-XXXX

Classification Classification (67/548/EEC or 1999/45/EC)

Acute Tox. 4 - H302 Xn;R22 Xi;R41

Acute Tox. 4 - H332 Eye Dam. 1 - H318

ALCOHOLS, C12-14, ETHOXYLATED

1-5%

CAS number: 68439-50-9 EC number: 500-213-3 REACH registration number: 01-

2119487984-16-XXXX

M factor (Acute) = 1

Eye Dam. 1 - H318

Classification

Classification (67/548/EEC or 1999/45/EC)

Xi;R41. N;R50.

Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412

SODIUM HYDROXIDE

1-5%

CAS number: 1310-73-2 EC number: 215-185-5 REACH registration number: 01-

2119457892-27-XXXX

Classification Classification (67/548/EEC or 1999/45/EC)

Met. Corr. 1 - H290 C;R35

Skin Corr. 1A - H314 Eye Dam. 1 - H318

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Get medical attention immediately. Provide eyewash station and safety shower.

Inhalation Remove affected person from source of contamination. Keep affected person warm and at

rest. Get medical attention immediately. For breathing difficulties, oxygen may be necessary.

Ingestion Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water.

Give plenty of water to drink. Do not induce vomiting. Get medical attention immediately.

Show this Safety Data Sheet to the medical personnel.

Skin contact Remove affected person from source of contamination. Remove contaminated clothing. Wash

skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after

washing.

Eye contact Remove affected person from source of contamination. Remove any contact lenses and open

eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention

immediately. Continue to rinse.

Protection of first aiders First aid personnel should wear appropriate protective equipment during any rescue.

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

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General information The severity of the symptoms described will vary dependent on the concentration and the

length of exposure. Chemical burns must be treated by a physician. Get medical attention

immediately.

Inhalation Severe irritation of nose and throat. May cause an asthma-like shortness of breath.

Ingestion This product is corrosive. Small amounts may cause serious damage. May cause chemical

burns in mouth, oesophagus and stomach.

Skin contact May cause serious chemical burns to the skin.

Eye contact This product is corrosive. A single exposure may cause the following adverse effects: Severe

irritation, burning, tearing and blurred vision. Prolonged contact causes serious eye and tissue

damage. Corneal damage.

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

Notes for the doctor

Treat symptomatically. Remove contaminated clothing immediately and wash skin with soap

and water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

Foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Specific hazards In contact with some metals can generate hydrogen gas, which can form explosive mixtures

with air. Avoid contact with the following materials: Aluminium. Zinc. Avoid contact with water.

May generate heat.

5.3. Advice for firefighters

Protective actions during

firefighting

Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment

for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective

clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Avoid or minimise the creation of any environmental contamination. Spillages or uncontrolled

discharges into watercourses must be reported immediately to the Environmental Agency or

other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Do not touch or walk into spilled material. Stop leak if safe to do so. Small Spillages: Flush

away spillage with plenty of water. Large Spillages: Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Collect and place in

suitable waste disposal containers and seal securely.

6.4. Reference to other sections

Reference to other sections For waste disposal, see Section 13. See Section 11 for additional information on health

hazards. See Section 1 for emergency contact information.

SECTION 7: Handling and storage

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7.1. Precautions for safe handling

Usage precautions Avoid spilling. Avoid contact with skin and eyes. Avoid the formation of mists. Provide

> adequate ventilation. Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Never add water directly to this product as it may cause a vigorous reaction or boiling. Always dilute by carefully pouring the

product into water.

Advice on general occupational hygiene Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Eye wash facilities and emergency shower must be available when handling this product. Wash promptly with soap and water if skin becomes contaminated. Take off immediately all contaminated clothing and wash it

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a well-ventilated place. Store away from the

following materials: Acids. Oxidising materials.

Storage class Corrosive storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

2-(2-BUTOXYETHOXY)ETHANOL

Long-term exposure limit (8-hour TWA): WEL 10 ppm 67.5 mg/m³ Short-term exposure limit (15-minute): WEL 15 ppm 101.2 mg/m³

SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m³

WEL = Workplace Exposure Limit

2-(2-BUTOXYETHOXY)ETHANOL (CAS: 112-34-5)

DNEL Workers - Inhalation; Long term systemic effects: 67.5 mg/m³

> Workers - Inhalation; Long term local effects: 67.5 mg/m3 Workers - Dermal; Long term systemic effects: 20 mg/kg/day

General population - Inhalation; Long term systemic effects: 34 mg/m³ General population - Inhalation; Long term local effects: 34 mg/m³ General population - Inhalation; Short term local effects: 34 mg/m³ General population - Inhalation; Short term local effects: 50.6 mg/m3 General population - Dermal; Long term systemic effects: 10 mg/kg/day General population - Oral; Long term systemic effects: 1.25 mg/kg/day

PNEC - Fresh water; 1 mg/l

> - Marine water; 0.1 mg/l - Intermittent release; 3.9 mg/l

- STP; 200 mg/l

- Sediment (Freshwater); 4 mg/kg - Sediment (Marinewater); 0.4 mg/kg

- Soil; 0.4 mg/kg

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)

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DNEL General population - Oral; Long term systemic effects: 25 mg/kg/day

General population - Inhalation; Long term local effects: 0.6 mg/m³ General population - Inhalation; Short term local effects: 1.2 mg/m³

Workers - Inhalation; Long term local effects: 1.5 mg/m³ Workers - Inhalation; Short term local effects: 3 mg/m³

PNEC - Fresh water; 2.2 mg/l

Marine water; 0.22 mg/lIntermittent release; 1.2 mg/l

STP; 43 mg/lSoil; 0.72 mg/kg

ALCOHOLS, C12-14, ETHOXYLATED (CAS: 68439-50-9)

DNEL Workers - Inhalation; Long term systemic effects: 294 mg/m³

Workers - Dermal; Long term systemic effects: 2080 mg/kg/day General population - Inhalation; Long term systemic effects: 87 mg/m³ General population - Dermal; Long term systemic effects: 1250 mg/kg/day General population - Oral; Long term systemic effects: 25 mg/kg/day

PNEC - Fresh water; 0.0437 mg/l

- Intermittent release; 0.004 mg/l

- STP; 10 mg/l

Sediment (Freshwater); 31 mg/kgSediment (Marinewater); 31 mg/kg

- Soil; 1 mg/kg

SODIUM HYDROXIDE (CAS: 1310-73-2)

DNEL Industry - Inhalation; Long term local effects: 1.0 mg/m³

Consumer - Inhalation; Long term local effects: 1.0 mg/m³

8.2. Exposure controls

Protective equipment





Appropriate engineering

controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Wear tight-fitting, chemical splash goggles or face shield.

Hand protection

Wear protective gloves. Neoprene. Nitrile rubber. Polyethylene. Polyvinyl chloride (PVC).

Other skin and body

protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Provide eyewash station and safety shower. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated.

Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Particulate filter, type P2. Particulate filters should comply with European Standard EN143.

Environmental exposure controls

Avoid releasing into the environment. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

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SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Liquid.

Colourless.

Odour Mild. Unperfumed.

pH (concentrated solution): 13.5 TYPICALLY

Upper/lower flammability or

explosive limits

The product is not flammable.

Relative density 1.045-1.060 @ @ 20°C

Solubility(ies) Soluble in water.

Explosive under the influence

of a flame

Not considered to be explosive.

Oxidising properties The mixture itself has not been tested but none of the ingredient substances meet the criteria

for classification as oxidising.

Comments Information given is applicable to the product as supplied.

9.2. Other information

Other information Not relevant.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Reactions with the following materials may generate heat: Water. Strong acids. In contact with

some metals can generate hydrogen gas, which can form explosive mixtures with air. Avoid

contact with the following materials: Aluminium. Zinc. Tin.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous

The following materials may react violently with the product: Chlorohydrocarbons. Acids.

Reactions with the following materials may generate heat: Water.

10.4. Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials to avoid Acids. Ammonia. Chlorinated hydrocarbons. Aluminium. Tin. Zinc.

10.6. Hazardous decomposition products

Hazardous decomposition

Hydrogen.

products

reactions

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects Information given is based on data of the components and of similar products.

Other health effects There is no evidence that the product can cause cancer.

Acute toxicity - oral

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Notes (oral LD₅₀) Based on available data the classification criteria are not met. Calculation method.

ATE oral (mg/kg) 89,000.0

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

ATE inhalation (dusts/mists

mg/l)

Skin corrosion/irritation

Skin corrosion/irritation Causes severe burns. Calculation method.

207.0

Serious eye damage/irritation

Serious eye damage/irritation Corrosivity to eyes is assumed.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisationBased on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitroDoes not contain any substances known to be mutagenic.

Carcinogenicity

Carcinogenicity Does not contain any substances known to be carcinogenic.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met. Does not contain any

substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Contact with concentrated chemical may cause severe skin damage.

General information Corrosive to skin and eyes.

Inhalation Spray/mists may cause respiratory tract irritation. A single exposure may cause the following

adverse effects: Coughing. Difficulty in breathing. May cause damage to mucous membranes

in nose, throat, lungs and bronchial system.

Ingestion May cause burns in mucous membranes, throat, oesophagus and stomach.

Skin contact May cause serious chemical burns to the skin. Repeated exposure may cause skin dryness or

cracking.

Eye contact Causes burns. A single exposure may cause the following adverse effects: Corneal damage.

Contact with concentrated chemical may very rapidly cause severe eye damage, possibly loss

of sight.

Toxicological information on ingredients.

DISODIUM METASILICATE

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Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 5,000.0

mg/kg)

Species Rat

ATE dermal (mg/kg) 5,000.0

SECTION 12: Ecological Information

Ecotoxicity There are no data on the ecotoxicity of this product. However, large or frequent spills may

have hazardous effects on the environment.

12.1. Toxicity

Toxicity The product may affect the acidity (pH) of water which may have hazardous effects on aquatic

organisms.

Acute aquatic toxicity

Acute toxicity - aquatic plants May cause long lasting harmful effects to aquatic life.

Acute toxicity - terrestrial Can cause damage to vegetation.

12.2. Persistence and degradability

Persistence and degradability Degrades very slowly in nature.

12.3. Bioaccumulative potential

Bioaccumulative potential The product is not bioaccumulating.

12.4. Mobility in soil

Mobility The product is water-soluble and may spread in water systems.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB

assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in

accordance with the requirements of the local Waste Disposal Authority. When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods The packaging must be empty (drop-free when inverted). Wash with plenty of water. Dispose

of waste via a licensed waste disposal contractor. Reuse or recycle products wherever

possible.

Waste class EWC Code: 06 02 04

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1760

UN No. (IMDG) 1760

UN No. (ICAO) 1760

UN No. (ADN) 1760

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14.2. UN proper shipping name

Proper shipping name CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE, DISODIUM

(ADR/RID) METASILICATE)

Proper shipping name (IMDG) CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE, DISODIUM

METASILICATE)

Proper shipping name (ICAO) CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE, DISODIUM

METASILICATE)

Proper shipping name (ADN) CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE, DISODIUM

METASILICATE)

14.3. Transport hazard class(es)

ADR/RID class 8

ADR/RID classification code C9

ADR/RID label 8

IMDG class 8

ICAO class/division 8

ADN class 8

Transport labels



14.4. Packing group

ADR/RID packing group II

IMDG packing group

ADN packing group

ICAO packing group

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS F-A, S-B

ADR transport category 2

Emergency Action Code 2X

Hazard Identification Number

(ADR/RID)

Tunnel restriction code (E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

80

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

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SECTION 15: Regulatory information

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

National regulations The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as

amended).

Control of Pollution (Special Waste) Regulations 1980 (as amended).

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment

Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].

EH40/2005 Workplace exposure limits. The Hazardous Waste Regulations 2005.

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18

December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of

Chemicals (REACH) (as amended).

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at

work (as amended).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as

amended).

Commission Regulation (EU) No 453/2010 of 20 May 2010.

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and

Directive 91/689/EEC on hazardous waste with amendments. Commission Regulation (EU) No 2015/830 of 28 May 2015.

Guidance COSHH Essentials.

Technical Guidance WM2: Hazardous Waste.

ECHA Guidance on the Application of the CLP Criteria. ECHA Guidance on the compilation of safety data sheets.

Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

No information available.

SECTION 16: Other information

Abbreviations and acronyms E

EWC European Waste Catalogue

used in the safety data sheet

STOT RE = Specific target organ toxicity-repeated exposure

PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative. PNEC: Predicted No Effect Concentration.

DNEL: Derived No Effect Level.

General information

Only trained personnel should use this material.

Revision comments

New revision number applied to comply with Commission Regulation (EU) No 2015/830 Of 28 May 2015' NOTE: Lines within the margin indicate significant changes from the previous

revision.

Revision date 27/07/2018

Revision 1

SDS number 21843

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Risk phrases in full R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R34 Causes burns.

R35 Causes severe burns. R36 Irritating to eyes.

R36/38 Irritating to eyes and skin. R37 Irritating to respiratory system.

Hazard statements in full H290 May be corrosive to metals.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage. H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H412 Harmful to aquatic life with long lasting effects.