SAFETY DATA SHEET

according to (EU) Regulation 2015/830

Revision: 2

Revision date: 02/10/2024

POWER CONCENTRATED FLOOR DEGREASER

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

1.1. Product identifier

Product name POWER CONCENTRATED FLOOR DEGREASER

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

Product Use [SU22] Professional uses: Public domain; [PC35] Washing and cleaning products (including solvent based products); [PROC10] Roller application or brushing; [PROC11] Non-industrial spraying; [ERC8a] Wide dispersive indoor use of processing aids in open systems; [ERC8d] Wide dispersive outdoor use of processing aids in open systems;

Description Alkaline Detergent Solution.

1.3. Details of the supplier of the safety data sheet

Company Midland Chemicals Limited

Address Midland House

13a Brindley Close

Abeles Way

Holly Lane Industrial Estate

Atherstone

Warwickshire CV9 2QZ

United Kingdom

Web www.midlandchem.com

Telephone 01827 722911

Fax 01827 722919

Email sales@midlandchem.com

Email address of the competent person

technical@midlandchem.com

1.4. Emergency telephone number

01827 7229119.00 am - 5.00 pm Mon – Fri

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Skin Corr. 1B: H314

2.2. Label elements

Label elements under CLP:

Hazard statements: H314: Causes severe skin burns and eye damage.

Signal words: Danger

Hazard pictograms: GHS05: Corrosion

Precautionary statements: P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P260: Do not breathe dust/fume/gas/mist/vapours/spray

P264: Wash thoroughly after handling.

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

P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing.

Rinse skin with water/shower.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P363: Wash contaminated clothing before reuse.

P501: Dispose of contents to hazardous waste.

2.3. Other hazards

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

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

Chemical NameCAS No. EC No. REACH RegistrationConc.Classification

Number(%w/w)

Sodium Hydroxide1310-73-201-2119457892-27-XXXX1 – 5 %Skin Corr. 1A: H314

Sodium Metasilicate10213-79-301-2119449811-37-XXXX1 - 10 %Skin Corr. 1B: H314; STOT SE 3: H335

N-Dodecyl
HexadecylN,N-
dimethyl benzyl
ammonium chloride

96690-44-7 306-238-4 01-2120770734-48-XXXX1 – 10

Acute Tox. 4 - H302 Acute
Tox. 3 - H311 Skin Irrit. 2 -
H315 Eye Irrit. 2 - H319
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

ALCOHOL ETHOXYLATE68439-46-3Exempt1 – 10Acute Tox. 4:

H302; Eye Dam. 1: H318

QUATERNARY
AMMONIUM
COMPOUNDS,
BENZYL-C1216-
ALKYLDIMETHYL,
CHLORIDES

68424-85-1 : 270-325-2N/A< 1 %

Acute Tox 4 H302
Skin Irrit. 1 H314
Eye Irrit 1 H318
Aquatic Acute 1 H400
(M=10); Aquatic Chronic 1,

;

Cocoa’Betaine61789-40-001-2119488533-XXXX1 – 5 Eye Dam. 1: H318;

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move the exposed person to fresh air.

Eye contact Rinse immediately with plenty of water for 15 minutes holding the eyelids open.

Skin contact Wash off immediately with plenty of soap and water. Remove contaminated clothing.

Ingestion DO NOT INDUCE VOMITING.

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

InhalationInhalation may cause coughing, tightness of the chest and irritation of the respiratory system.

Eye contact Irritating to eyes, MAY CAUSE SEVERE EYE DAMAGE .

Skin contact May cause irritation to skin.

IngestionIngestion may cause nausea and vomiting.

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

Inhalation If you feel unwell, seek medical advice (show the label where possible).

Eye contact Seek medical attention.

Skin contact Seek medical attention if irritation or symptoms persist.

IngestionIf you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Avoid contact with skin and eyes.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

See section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION for further information.

See section 13. DISPOSAL CONSIDERATIONS for further information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ensure adequate ventilation of the working area. Avoid contact with eyes and skin.

Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Keep in a cool, dry, well-ventilated area.

Store in correctly labelled containers.

7.3. Specific end use(s)

See section 1.2. Relevant identified uses of the substance or mixture and uses advised against for further information.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Components	CAS-No.	8 hour TWA	15 min. STEL	Basis
Sodium Hydroxide	1310-73-2	2 mg/m3		UK EH40 WEL

SUBSTANCE.	Occupational Exposure Limits
Sodium metasilicate pentahydrate	No Occupational Exposure Limit assigned. An exposure limit of 2 mg/m3 (15 min TWA) is recommended by analogy with sodium hydroxide.

Derived No Effect Level (DNEL)	Oral/mg/kg bw/d	Inhalation/mg/m3	Dermal/mg/kg bw/d
Workers – Acute – Systemic effects	-	-	-
Workers – Acute – Local effects	-	-	-
Workers – Long Term – Systemic effects	-	6.22	1.49
Workers – Long Term – Local effects	-	-	-
Consumers – Acute – Systemic effects	-	-	-
Consumers – Acute – Local effects	-	-	-
Consumers – Long Term – Systemic effects	0.74	1.55	0.74
Consumers – Long Term – Local effects	-	-	-

For further details and guidance see Exposure Scenarios in Annex to the extended Safety Data Sheet (eSDS). Risk management measures (RMMs) for identified uses must be implemented as described in the SDS and in the relevant exposure scenarios.

Predicted No Effect Concentrations (PNEC):

PNECwater (freshwater) = 7.5 mg/l

PNECwater (marine water) = 1 mg/l

PNECwater(intermittent) = 7.5 mg/l

PNECsediment = Not available

PNECsoil = Not available

PNECSTP = 1000 mg/l

PNEC Secondary Poisoning (oral) = Not applicable

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear protective clothing.

Eye / face protection Approved safety goggles. EN 166(EU).

Skin protection – Hand protectionWear suitable gloves. EN374

Skin protection - Other Wear suitable protective clothing.

Respiratory protection Wear suitable respiratory equipment when necessary.

Occupational exposure controlsKeep away from food, drink and animal feedingstuffs.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Liquid

Colour:Light Straw

Odour:Characteristic

Odour threshold:Not determined.

pH-value at 20 °C:13.0 ± 0.5

Melting point:Not determined.

Boiling point:Not determined.

Flash point:Not applicable.

Flammability (solid, gaseous):Not applicable.

Auto-ignition temperature:Not determined.

Decomposition temperature: Not determined.

Self-igniting:Not determined.

Danger of explosion:Product does not present an explosion hazard.

Explosion limits:Not determined.

Vapour pressure:Not determined.

Density at 20 °C:1.060 g/cm³ nominal

Relative densityNot determined.

Vapour densityNot determined.

Particle characteristicsNot applicable.

Evaporation rateNot determined.

Solubility in / Miscibility with water:Fully miscible.

oxidizing propertiesNot determined.

Partition coefficient (n-octanol/water): Not determined.

Viscosity:

Dynamic at 20 °C:Not determined.

Kinematic:Not determined.

9.2. Other information

Conductivity No data available

Surface tension No data available

Gas group No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data is available on this product.

10.4. Conditions to avoid

No data is available on this product.

10.5. Incompatible materials

No data is available on this product.

10.6. Hazardous decomposition products

No data is available on this product.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin / Eye corrosion/irritation Causes severe skin irritation and eye damage.

11.1.4. Toxicological Information

Acute toxicity: Not determined.

SECTION 12: Ecological information

12.1. Toxicity

Not determined.

12.2. Persistence and degradability

All detergents are biodegradable to EU standards. Inorganic components are readily neutralised to inert salts

12.3. Bioaccumulative potential

No data is available on this product.

Partition coefficient No data available

12.4. Mobility in soil No data is available on this product.

12.5. Results of PBT and vPvB assessment

Substance is not considered persistent, bioaccumulative and toxic (PBT) / very persistent and very bioaccumulative (vPvB).

12.6. Endocrine disrupting properties

Endocrine Disruptor Information

This product does not contain any known or suspected endocrine disruptors

12.7. Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

14.1. UN number

3266

14.2. UN proper shipping name

CORROSIVE LIQUID, BASIC, INORGANIC N.O.S. (contains Sodium Hydroxide and Sodium Metasilicate)

14.3. Transport hazard class(es)

8

14.4. Packing groupIII

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Tunnel code: E

Transport category: 2

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code This product is not intended to be transported in bulk.

SECTION 15: Regulatory information

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

Regulations EU legislation Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 2015/830 (which amends Regulation (EC) No 453/2010 & 1907/2006). The product is as classified under GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures. Ingredients are listed with classification under GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures. 15.2.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out on this product / mixture.

SECTION 16: Other information

Other information

Revision This document differs from the previous version in the following areas:

SECTION 14: Transport information

Text of Hazard Statements

Acute Tox. 4: H302Harmful if swallowed

Acute Tox 4: H302+312Harmful if swallowed, Harmful in contact with skin

Skin Corr. 1A: H314Causes severe skin burns and eye damage

Skin Irrit. 2: H315Causes skin irritation.

Eye Dam. 1: H318Causes serious eye damage.

Eye Irrit. 2: H319Causes serious eye irritation.

STOT SE 3: H335May cause respiratory irritation

Aquatic Acute 1: H400Very toxic to aquatic life.

Aquatic Chronic 2: H411Toxic to aquatic life with long lasting effects.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. 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. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.