

# SAFETY DATA SHEET

according to (EU) Regulation 2015/830

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Revision: 7

Revision date: 12/07/2023

## NEO WASH

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

#### 1.1. Product identifier

Product name NEO WASH

#### 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 Flowplant Group Ltd  
Address Gemini House  
Brunel Road  
Churchfields Ind. Est.  
Salisbury  
Wiltshire. SP2 7PU.  
United Kingdom

Web www.flowplant.com  
Telephone 01722 325424  
Fax 01722 411329  
Email chemicals@flowplant.com

Email address of the competent person  
chemicals@flowplant.com

1.4. Emergency telephone number  
07889 745 930.

### 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.

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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

EC 1272/2008

Chemical Name	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Sodium Hydroxide	1310-73-2		01-2119457892-27-XXXX	1 – 5 %	Skin Corr. 1A: H314
Sodium Metasilicate	10213-79-3		01-2119449811-37-XXXX	< 1 %	Skin Corr. 1B: H314; STOT SE 3: H335
N-Dodecyl HexadecylN,N-dimethyl benzyl ammonium chloride (Cationic detergent)	96690-44-7	306-238-4	01-2120770734-48-XXXX	1 – 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 ETHOXYLATE	68439-46-3		Exempt	1 – 10	Acute Tox. 4: H302; Eye Dam. 1: H318
QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C1216-ALKYLDIMETHYL, CHLORIDES	68424-85-1	: 270-325-2	N/A	< 1 %	Acute Tox 4 H302 ; Skin Irrit. 1 H314 Eye Irrit 1 H318 Aquatic Acute 1 H400 (M=10); Aquatic Chronic 1, H410 (M=1

### 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

Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
Eye contact	Irritating to eyes.
Skin contact	May cause irritation to skin.
Ingestion	Ingestion 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.
Ingestion	If 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**

<u>Components</u>	<u>CAS-No.</u>	<u>8 hour TWA</u>	<u>15 min. STEL</u>	<u>Basis</u>
Sodium Hydroxide	1310-73-2	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	UK EH40 WEL

**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.
Skin protection – Hand protection	Wear suitable gloves.
Skin protection - Other	Wear suitable protective clothing.
Respiratory protection	Wear suitable respiratory equipment when necessary.
Occupational exposure controls	Keep away from food, drink and animal feedingstuffs.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Appearance</b>	Liquid
Colour:	Colourless
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:	1.010 g/cm <sup>3</sup>
Relative density	Not determined.
Vapour density	Not determined.
Particle characteristics	Not applicable.
Evaporation rate	Not determined.
Solubility in / Miscibility with water:	Fully miscible.
oxidizing properties	Not determined.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic at 20 °C:	Not determined.
Kinematic:	Not determined.

**9.2. Other information**

<b>Conductivity</b>	No data available
<b>Surface tension</b>	No data available
<b>Gas group</b>	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 corrosion/irritation

May cause irritation to skin.

Serious eye damage/irritation

May cause irritation to eyes.

**11.1.4. Toxicological Information****Acute toxicity:**

Not determined.

**SECTION 12: Ecological information****12.1. Toxicity**

Not determined.

**12.2. Persistence and degradability**

No data is available on this product.

**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**

No data is available on this product.

**12.6. Other adverse effects**

No data is available on this product.

**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**

The product is not classified as dangerous for carriage.

**14.2. UN proper shipping name**

The product is not classified as dangerous for carriage.

**14.3. Transport hazard class(es)**

The product is not classified as dangerous for carriage.

**14.4. Packing group**

The product is not classified as dangerous for carriage.

**14.5. Environmental hazards**

The product is not classified as dangerous for carriage.

**14.6. Special precautions for user**

The product is not classified as dangerous for carriage.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

The product is not classified as dangerous for carriage.

**NEO WASH**

**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:

**3.2. Mixtures****9.1. Information on basic physical and chemical properties****Text of Hazard Statements**

Acute Tox. 4: H302	Harmful if swallowed
Acute Tox 4: H302+312	Harmful if swallowed, Harmful in contact with skin
Skin Corr. 1A: H314	Causes severe skin burns and eye damage
Skin Irrit. 2: H315	Causes skin irritation.
Eye Dam. 1: H318	Causes serious eye damage.
Eye Irrit. 2: H319	Causes serious eye irritation.
STOT SE 3: H335	May cause respiratory irritation
Aquatic Acute 1: H400	Very toxic to aquatic life.
Aquatic Chronic 2: H411	Toxic 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.