

# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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Revision: 5  
Revision date: 04/07/18

## NEO 800

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

#### 1.1. Product identifier

Product name NEO 800

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

Product Use [SU21] Consumer uses: Private households; [SU22] Professional uses: Public domain;  
[PC34] Textile dyes, finishing and impregnating products; including bleaches and other processing aids;  
[PROC11] Non-industrial spraying; [ERC8a] Wide dispersive indoor use of processing aids in open systems; [ERC8a] Wide dispersive outdoor use of processing aids in open systems;

Description Algaecide.

#### 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 Irrit. 2: H315; Eye Irrit. 2: H319;

#### 2.2. Label elements

##### Label elements under CLP:

Hazard statements: Skin Irrit. 2: H315 - Causes skin irritation.  
Eye Irrit. 2: H319 - Causes serious eye irritation.

Signal words: Warning

Hazard pictograms: GHS07: Warning



Precautionary statements: P102: Keep out of reach of children.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
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.  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
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 Name	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Sodium hypochlorite	7681-52-9	231-668-3		1 - 5 %	Skin Corr. 1B: H314; Aquatic Acute 1: H400;

**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**

Occupational exposure controls.

**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****Appearance**

Liquid

Colour:

Colourless

Odour:

Characteristic

Odour threshold:

Not determined.

pH-value at 20 °C:

12.5 ± 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:

1.000 g/cm<sup>3</sup>

Relative density

Not determined.

Vapour density

Not determined.

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****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**

Acids. Strong oxidizing agents.

**10.6 Hazardous decomposition products:**

In combustion emits toxic fumes.

Contact with acid liberates toxic gas (Chlorine).

## 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.

## SECTION 15: Regulatory information

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

#### Regulations

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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

### 15.2. Chemical safety assessment

No data is available on this product.

## SECTION 16: Other information

### Other information

#### Revision

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

- 2 - 2.1. Risk phrases.
- 2 - 2.1. Safety phrases.

### Text of Hazard Statements

EUH031	Contact with acids liberates toxic gas.
Skin Corr. 1B: H314	Causes severe skin burns and eye damage.
Aquatic Acute 1: H400	Very toxic to aquatic life.

### 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.