

# SAFETY DATA SHEET

according to (EU) Regulation 2015/830

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Revision: 1  
Revision date: 12/07/2023

## NEO 77

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

#### 1.1. Product identifier

Product name NEO 77

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

Product Use [SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [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 Degreasing Solvent

#### 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: Asp. Tox. 1: H304;

#### 2.2. Label elements

Label elements under CLP:

Hazard statements: H304 - May be fatal if swallowed and enters airways.

Signal words: Danger



Hazard pictograms:

Precautionary statements:

P260: Do not breathe dust/fume/gas/mist/vapours/spray  
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.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P331 - Do NOT induce vomiting.  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P363: Wash contaminated clothing before reuse.  
P273 - Avoid release to the environment.  
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
Hydrocarbon, C11-C14, n.Alkanes, Isoalkanes	64742-47-8		01-2119456620-43-xxxx	90 – 100	Asp. Tox. 1: H304;
Anionic Surfactant	84961-74-0	284-664-9		0.5 – 1	Skin Irrit. 2: H315; Eye Irrit. 2: H319;

**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. Rinse mouth with water.

**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	May cause irritation to eyes.
Skin contact	Irritating 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 if irritation or symptoms persist.
Skin contact	Seek medical attention. (show the label where possible).
Ingestion	Seek immediate medical attention. (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.

### Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclic,

Long-term exposure limit (8-hour TWA): OEL 1200 mg/m<sup>3</sup> (OEL = Occupational Exposure Limit.)

No Effect Level (DNEL) / Derived Minimum Effect Level (DMEL) No information available

Predicted No Effect Concentration (PNEC) No information available.

### 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:	Clear Liquid
Colour:	Colourless
Odour:	Characteristic / Hydrocarbon
Odour threshold:	Not determined.
pH-value at 20 °C:	Not determined.
Melting point:	- 20 °C Nominal
Initial boiling point and boiling range:	190 - 260 °C
Flash point:	70 °C (Closed Cup) Nominal
Auto-ignition temperature:	230 °C
Decomposition temperature:	Not determined.
Self-igniting:	Not determined.
Danger of explosion:	Product does not present an explosion hazard.
Flammability limits (%):	0.5 – 6.5
Vapour pressure at 20 °C:	0.04 kPa
Density at 15 °C:	0.800 Nominal
Relative density	Not determined.
Vapour density	Not determined.
Particle characteristics	Not applicable (liquid)
Evaporation rate	Not determined.
Solubility in / Miscibility with water:	Insoluble in water.
Oxidizing properties	Non oxidising.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic at 25 °C:	Not determined.
Kinematic:	Not determined.

### 9.2 Other information:

No further relevant information available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity:

Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions:

Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

### 10.4 Conditions to avoid

Avoid heat, flames and other sources of ignition.

### 10.5 Incompatible materials:

Strong oxidizing substances.

### 10.6 Hazardous decomposition products:

In combustion emits toxic fumes.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicological information

ASPIRATION HAZARD - do not breath vapour or spray. May cause lung damage if material gets into the lungs after accidental swallowing or vomiting of ingested material.

#### 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.

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**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.

**15. REGULATORY INFORMATION**

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

according to 1907/2006/EC, with its amendment Regulation (EU) 2015/830  
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.

**Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

**Other information**

**Revision**

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

**2.1. Classification of the substance or mixture**

**3.2. Mixtures**

**8.1. Control parameters**

**9.1. Information on basic physical and chemical properties.**

**14: Transport information**

**15. REGULATORY INFORMATION**

**Text of Hazard Statements in Section 3**

EUH066 - Repeated exposure may cause skin dryness or cracking.

H304 - May be fatal if swallowed and enters airways

Skin Irrit. 2: H315 Causes skin irritation.

Eye Irrit. 2: H319 Causes serious eye irritation.

**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.