SAFETY DATA SHEET
PO79

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

1.1. Product identifier
Product name PO79
Product number NPO001/01

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

1.3. Details of the supplier of the safety data sheet
Supplier NIELSEN CHEMICALS RAWDON ROAD MOIRA SWADLINCOTE DERBYSHIRE DE12 6DA
TEL: +44 (0) 1283 222277
FAX: +44 (0) 1283 550621
info@nielsenchemicals.com

1.4. Emergency telephone number
Emergency telephone +44 (0) 777 8505 330

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification
Physical hazards Flam. Liq. 3 - H226
Health hazards STOT SE 3 - H336 Asp. Tox. 1 - H304
Environmental hazards Aquatic Chronic 2 - H411

Classification (67/548/EEC or 1999/45/EC)
Xn;R65. N;R51/53. R66,R10.

2.2. Label elements
Pictogram

Signal word Danger
Hazard statements
PO79
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 Avoid breathing vapour/spray.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P501 Dispose of contents/container in accordance with national regulations.

Supplemental label information
EUH066 Repeated exposure may cause skin dryness or cracking.
Contains PETROLEUM DISTILLATE, WHITE OIL

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

<table>
<thead>
<tr>
<th>PETROLEUM DISTILLATE</th>
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<td>Asp. Tox. 1 - H304</td>
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<td>STOT SE 3 - H336</td>
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<td>Aquatic Chronic 2 - H411</td>
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<table>
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<td>Asp. Tox. 1 - H304</td>
<td>Xn;R65.</td>
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<table>
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<td>Acute Tox. 4 - H302</td>
<td>Xn;R20,R22.</td>
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<tr>
<td>Acute Tox. 4 - H332</td>
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</table>

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

Inhalation
Keep affected person warm and at rest. Get medical attention if any discomfort continues.
Ingestion
Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention.

Skin contact
Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact
Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

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

Inhalation
Vapours may cause drowsiness and dizziness.

Ingestion
May cause discomfort if swallowed.

Skin contact
Prolonged skin contact may cause redness and irritation.

Eye contact
Irritation of eyes and mucous membranes.

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

Notes for the doctor
Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
Extinguish with the following media: Foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products
Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO2). Carbon monoxide (CO).

5.3. Advice for firefighters

Protective actions during firefighting
No specific firefighting precautions known.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions
Take care as floors and other surfaces may become slippery.

6.2. Environmental precautions

Environmental precautions
Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up
Eliminate all sources of ignition. Provide adequate ventilation. Absorb spillage with inert, damp, non-combustible material. Flush contaminated area with plenty of water.

6.4. Reference to other sections

Reference to other sections
Wear protective clothing as described in Section 8 of this safety data sheet.

SECTION 7: Handling and storage
7.1. Precautions for safe handling

Usage precautions
Keep away from heat, sparks and open flame. Provide adequate ventilation. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions
Store at temperatures between 4°C and 40°C.

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

PETROLEUM DISTILLATE
Long-term exposure limit (8-hour TWA): WEL 350 mg/m3

WEL = Workplace Exposure Limit

PETROLEUM DISTILLATE
DNEL
Industry - Inhalation; Short term : 570 mg/m3
Industry - Inhalation; Long term : 1980 mg/m3
Consumer - Inhalation; Short term : 570 mg/m3
Consumer - Dermal; Long term : 1040 mg/kg/day
Consumer - Inhalation; Long term : 710 mg/m3
Consumer - Oral; Long term : 1040 mg/kg/day

8.2. Exposure controls

Protective equipment

Eye/face protection
Personal protective equipment for eye and face protection should comply with European Standard EN166. Wear tight-fitting, chemical splash goggles or face shield.

Hand protection
Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Wear protective gloves made of the following material: Rubber (natural, latex). Neoprene. Polyvinyl chloride (PVC).

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance
Liquid.

Colour
Brown.

Odour
Hydrocarbons.

Flash point
43°C PMCC (Pensky-Martens closed cup).

Relative density
0.804 @ 25°C
Solubility(ies)
Insoluble in water.

9.2. Other information
Other information
Not determined.

SECTION 10: Stability and reactivity

10.1. Reactivity
There are no known reactivity hazards associated with this product.

10.2. Chemical stability
Stability
Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions
Not determined.

10.4. Conditions to avoid
Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials
Materials to avoid
No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products
Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO2). Carbon monoxide (CO).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral
ATE oral (mg/kg)
13,360.05344021

Acute toxicity - inhalation
ATE inhalation (vapours mg/l)
293.92117568

Inhalation
Vapours may cause drowsiness and dizziness.

Ingestion
Gastrointestinal symptoms, including upset stomach.

Skin contact
Repeated exposure may cause skin dryness or cracking.

Eye contact
Irritation of eyes and mucous membranes.

SECTION 12: Ecological Information

Ecotoxicity
Toxic to aquatic life with long lasting effects.

12.1. Toxicity
Acute toxicity - fish
Not determined.
### 12.2. Persistence and degradability

**Persistence and degradability**
The product is expected to be biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential**
The product is not bioaccumulating.

### 12.4. Mobility in soil

**Mobility**
The product has poor water-solubility.

### 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

Not determined.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal methods**
Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### SECTION 14: Transport information

#### 14.1. UN number

| UN No. (ADR/RID) | 1993 |
| UN No. (IMDG)    | 1993 |
| UN No. (ICAO)    | 1993 |

#### 14.2. UN proper shipping name

| Proper shipping name (ADR/RID) | FLAMMABLE LIQUID, N.O.S (petroleum distillate) |
| Proper shipping name (IMDG)    | FLAMMABLE LIQUID, N.O.S (petroleum distillate) |
| Proper shipping name (ICAO)    | FLAMMABLE LIQUID, N.O.S (petroleum distillate) |
| Proper shipping name (ADN)     | FLAMMABLE LIQUID, N.O.S (petroleum distillate) |

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

| IMDG class | 3 |
| ICAO class/division | 3 |

#### 14.4. Packing group

| ADR/RID packing group | III |
| IMDG packing group    | III |
| ICAO packing group    | III |

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**
Yes.

14.6. Special precautions for user

Tunnel restriction code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

EU legislation


15.2. Chemical safety assessment

SECTION 16: Other information

Revision date 15/06/2015
Revision 2.0
Supersedes date 12/02/2013

Risk phrases in full

R10 Flammable.
R20 Harmful by inhalation.
R22 Harmful if swallowed.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

Hazard statements in full

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H332 Harmful if inhaled.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

Disclaimer

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.