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

1.1. Product identifier
Product name PO79
Product number B072

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
info@nielsenchemicals.com
TEL: +44 (0) 1283 222277
FAX: +44 (0) 1283 550621

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 Aerosol 1 - H222, H229
Health hazards STOT SE 3 - H336
Environmental hazards Aquatic Chronic 2 - H411


2.2. Label elements

Pictogram

Signal word Danger

Hazard statements H222 Extremely flammable aerosol.
H229 Pressurised container: may burst if heated
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.
**PO79**

### Precautionary statements

- **P210** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- **P211** Do not spray on an open flame or other ignition source.
- **P251** Do not pierce or burn, even after use.
- **P261** Avoid breathing vapour/spray.
- **P271** Use only outdoors or in a well-ventilated area.
- **P312** Call a POISON CENTER/doctor if you feel unwell.
- **P410+P412** Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
- **P501** Dispose of contents/container in accordance with national regulations.

### Contains

- **PETROLEUM DISTILLATE**

### 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>Component</th>
<th>Percentage</th>
<th>CAS number</th>
<th>EC number</th>
<th>REACH registration number</th>
</tr>
</thead>
<tbody>
<tr>
<td>PETROLEUM DISTILLATE</td>
<td>30-60%</td>
<td>—</td>
<td>919-446-0</td>
<td>01-2119458049-33-0000</td>
</tr>
<tr>
<td>HYDROCARBON PROPELLANT</td>
<td>30-60%</td>
<td>68476-85-7</td>
<td>270-704-2</td>
<td></td>
</tr>
<tr>
<td>WHITE OIL</td>
<td>5-10%</td>
<td>92062-35-6</td>
<td>295-550-3</td>
<td>01-2119487078-27-xxxx</td>
</tr>
<tr>
<td>BARIUM SULPHONATE</td>
<td>1-5%</td>
<td>61790-48-5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Classification**

- **Flam. Liq. 3** - H226
- **STOT SE 3** - H336
- **Asp. Tox. 1** - H304
- **STOT SE 3** - H336
- **Aquatic Chronic 2** - H411
- **Flam. Gas 1** - H220
- **Press. Gas, Liquefied** - H280
- **Asp. Tox. 1** - H304

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**
Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

**Ingestion**
Rinse mouth thoroughly with water. 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. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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 contact may cause redness, irritation and dry skin.

**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 foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

**Specific hazards**
Extremely flammable aerosol. Pressurised container: may burst if heated

**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**
If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. Avoid inhalation of vapours and contact with skin and eyes.

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. No smoking, sparks, flames or other sources of ignition near spillage. 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. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions
Keep away from heat, sparks and open flame. 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

HYDROCARBON PROPELLANT
Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m³
Short-term exposure limit (15-minute): WEL 1250 ppm 2180 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

Appropriate engineering controls
This product must not be handled in a confined space without adequate ventilation.

Eye/face protection
Personal protective equipment for eye and face protection should comply with European Standard EN166.

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
Aerosol.

Colour
Brown.

Odour
Hydrocarbons.

Solubility(ies)
Insoluble in water.
SECTION 10: Stability and reactivity

10.1. Reactivity
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
Possibility of hazardous reactions Not determined.

10.4. Conditions to avoid
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
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) 20,553.92836956

Acute toxicity - inhalation
ATE inhalation (vapours mg/l) 452.18642413

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

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

**Other adverse effects**
Not determined.

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**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.

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**SECTION 14: Transport information**

14.1. UN number

**UN No. (ADR/RID)**
1950

**UN No. (IMDG)**
1950

**UN No. (ICAO)**
1950

14.2. UN proper shipping name

**Proper shipping name (ADR/RID)**
AEROSOLS

**Proper shipping name (IMDG)**
AEROSOLS

**Proper shipping name (ICAO)**
AEROSOLS

14.3. Transport hazard class(es)

**ADR/RID class**
2.1

**IMDG class**
2.1

**ICAO class/division**
2.1

**Transport labels**

14.4. Packing group

**ADR/RID packing group**
5F

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
14.6. Special precautions for user

Tunnel restriction code (D)

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

Transport in bulk according to Annex II of MARPOL 73/78 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 26/06/2015
Revision 2.0
Supersedes date 25/04/2014

Risk phrases in full

R10 Flammable.
R12 Extremely 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

H220 Extremely flammable gas.
H222 Extremely flammable aerosol.
H226 Flammable liquid and vapour.
H228 Flammable solid.
H229 Pressurised container: may burst if heated.
H280 Contains gas under pressure; may explode if heated.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H336 May cause drowsiness or dizziness.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

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.