

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

1.1. Product identifier

Product form : Mixture
Trade name : Pump Oil
Product code : 764334-644

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

Use of the substance/mixture : Synthetic Oil
Use of the substance/mixture : For industrial and institutional use only. Not for home use.

1.3. Details of the supplier of the safety data sheet

Manufacturer:

STERIS Corporation
P. O. Box 147, St. Louis, MO 63166, US
Telephone Number for Information: 1-800-548-4873 (Customer Service-Healthcare Products)
US Emergency Telephone No.1-314-535-1395 (STERIS); 1-800-424-9300 (CHEMTREC)

Supplier:

STERIS Limited
Chancery House, 190 Waterside Road, Hamilton Industrial Park,
Leicester, LE5 1QZ, UK
Product/Technical Information Phone No: +44 (0) 116 276 8636
Email: asksteris_msds@steris.com

1.4. Emergency telephone number

Emergency number : +44 (0) 1895 622 639

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Chronic Aq. Tox. 3 H412

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC or 1999/45/EC

N ; R52/53

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :
Signal word (CLP) :
Hazard statements (CLP) : H412 – Harmful to aquatic life with lasting effects.
Precautionary statements (CLP) : P273 – Avoid release to the environment.
P501 - Dispose of contents/container to comply with applicable local, national and international regulation

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable.

Pump Oil

Safety Data Sheet

according to Regulation (EC) No. 453/2010

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
N-1-Naphthylaniline	(CAS No) 90-30-2 (EC no) 201-983-0	≥0.25-<1	Xn; R22 Xi; R43 N; R50/53

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
N-1-Naphthylaniline	(CAS No) 90-30-2 (EC no) 201-983-0	≥0.25-<1	Acute Tox. 4; H302 Aq. Acute 1; H400 Skin Sens. 1; H317 STOT RE 2; H373 Aq. Chronic 1; H410

Full text of R- and H-phrases: see Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: If inhaled, move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of bluish discoloration (lips, ear lobes, fingernails), give oxygen as quickly as possible. If symptoms persist, call a physician.
First-aid measures after skin contact	: In case of skin contact, wash off with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before re-use. Get medical attention if irritation develops and persists.
First-aid measures after eye contact	: In case of contact with eyes, rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.
First-aid measures after ingestion	: If swallowed, Do NOT induce vomiting. Consult a physician if necessary.

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

Symptoms/injuries after inhalation	: No additional information available.
Symptoms/injuries after skin contact	: Frequent or prolonged contact with skin may cause dermal irritation.
Symptoms/injuries after eye contact	: Frequent or prolonged contact with eyes may cause ocular irritation.
Symptoms/injuries after ingestion	: No additional information available.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Carbon Dioxide (CO₂), Dry powder, foam, alcohol-resistant foam, water mist

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Carbon oxides. Burning produces noxious and toxic fumes.

5.3. Advice for firefighters

Firefighting instructions	: Exercise caution when fighting any chemical fire.
Protective equipment for firefighters	: Do not enter fire area without proper protective equipment, including respiratory protection. Wear a self contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Do not breathe fumes, vapours. Avoid contact with skin, eyes and clothes. If spilled, may cause the floor to be slippery.

6.1.1. For non-emergency personnel

Protective equipment	: Use personal protective equipment. Ensure adequate ventilation.
Emergency procedures	: Stop leak if safe to do so. Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Pump Oil

Safety Data Sheet

according to Regulation (EC) No. 453/2010

6.2. Environmental precautions

Should not be released into the environment. Do not contaminate water. Do not flush into surface water or sanitary sewer system.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local/national regulations (see Section 13).

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Handle in accordance with good industrial hygiene and safety practice. Keep container closed when not in use. Do not use pressure to empty drums. Ensure all equipment is electrically grounded before beginning transfer operations.

Hygiene measures : Take care for general good hygiene and housekeeping. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Provide adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

Storage conditions : Keep container tightly closed in a dry and well-ventilated place.

Incompatible materials : No additional information available.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Contains no substances with occupational exposure limits.

8.2. Exposure controls

Appropriate engineering controls : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Use ventilation to keep exposure to airborne contaminants below the exposure limits.

Personal protective equipment : Avoid all unnecessary exposure. Personal protective equipment should be selected based upon the conditions under which this product is handled or used. Protective clothing. Gloves. Protective goggles.



Hand protection : Wear neoprene gloves.

Eye protection : Wear chemical goggles or safety glasses.

Skin and body protection : Wear impervious clothing.

Respiratory protection : The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Light Yellow Liquid
Colour : Light Yellow
odour : No data available
Odour threshold : No data available
pH : No data available
Relative evaporation rate (butyl acetate=1) : No data available
Melting point : No data available
Freezing point : No data available

Pump Oil

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Boiling point	: No data available
Flash point	: 250°C Method: Cleveland open cup ASTM D 92
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: 0.957 g/cm ³
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: Slightly soluble
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
Partition coefficient: n-octanol/water	: 98.5 mm ² /s at 40°C

9.2. Other information

Oxidising potential

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reaction known under conditions of normal use.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Heat

10.5. Incompatible materials

Strong acids and strong bases

10.6. Hazardous decomposition products

Carbon oxides

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

N-1-naphthylaniline (90-30-2)	
LD50 oral rat	1.625 mg/kg
LD50 dermal rabbit	> 5.000 mg/kg

Skin corrosion/irritation	: N-1-naphthylaniline Species: Rabbit Method: OECD Test Guideline 405 Result: No eye irritation
Serious eye damage/irritation	: N-1-naphthylaniline Species: Rabbit Method: Draize Test Result: No skin irritation

Pump Oil

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Respiratory or skin sensitisation	: N-1-naphthylaniline Maximisation Test Species: guinea pig Classification: May cause sensitization by skin contact
	Patch Test Species: Human Classification: May cause sensitization by skin contact
Germ cell mutagenicity	: Ames Test Result: Negative
	Chinese Hamster Ovary (CHO) Result: Negative
Genotoxicity in vivo	: In vivo assay Species: Mouse Result: Negative
Carcinogenicity	: Not classified Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure)	: Not classified Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified Based on available data, the classification criteria are not met

EUH208 – Contains N-1-naphthylaniline: May produce an allergic reaction.

SECTION 12: Ecological information

12.1. Toxicity

N-1-naphthylaniline (90-30-2)	
LC50 fishes 1	0.44 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [Static])
LC50 fish 2	0.68 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
NOEC	0.02 mg/l (Exposure time: 21 d – Species: Daphnia magna)

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

N-1-naphthylaniline (90-30-2)	
BCF fish 1	427-2,730

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations	: Dispose of in accordance with the European Directives on waste and hazardous waste. Dispose of wastes in an approved waste disposal facility.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14: Transport information

Not Dangerous goods

Additional information

Other information : No supplementary information available.

ADR

Transport document description : No additional information available

Pump Oil

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. EU-Regulations

No REACH Annex XVII restrictions

Contains no REACH candidate substance

Water Contaminating Class (Germany):

WGK 1 slightly water endangering self classification

US TSCA:

On TSCA Inventory

DSL:

All components of this product are on the Canadian DSL list.

AICS:

On the inventory or in compliance with the inventory

NZIoC:

Not in compliance with the inventory

ENCS:

Not in compliance with the inventory

KECI:

On the inventory or in compliance with the inventory

PICCS:

On the inventory or in compliance with the inventory

IECSC:

Not in compliance with the inventory

15.2. National regulations

No additional information available

SECTION 16: Other information

Sources of Key data

: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixturejs, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Other information

: None

Full text of R-, H- and EUH-phrases:

N	Dangerous for the environment
R22	Harmful if swallowed
R43	May cause sensitization by skin contact
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects to the aquatic environment
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
H302	Harmful if swallowed
H317	May cause an allergic skin reaction
H373	May cause damage to organs through prolonged or repeated exposure if swallowed
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

SDS EU (REACH Annex II)

The information on this sheet is not a specification and does not guarantee specific properties. The information is intended to provide general knowledge as to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product or where instruction or recommendations are not followed.