

## SAFETY DATA SHEET

### 1 Identification of the substance or preparation and of the company/undertaking

**Product Name:** Penetrant SKL-SP1  
**Datasheet Number:** 653550 3. 0. 0  
**Use of the substance/preparation:** Welding accessories, Penetrating oil  
**Product Part Number:** 653550 (10 x 400 ml)  
**Name of Supplier:** Wilhelmsen Maritime Services AS  
**Address of Supplier:** Willem Barentszstraat 50  
 3165 AB Rotterdam-Albrandswaard, The Netherlands  
  
**Telephone:** +31 10 4877 777  
**Fax:** +31 10 4877 888  
**Responsible Person:** Leen de Visser, Product HSE Manager, Tel.: +31 6 538 63736  
**Email:** Leen.de.Visser@Wilhelmsen.com  
**Name of Manufacturer:** Wilhelmsen Maritime Services AS, Business Unit Maintenance & Repair  
**Address of Manufacturer:** Strandveien 20  
 P.O.Box 33  
 NO-1324 LYSAKER  
 Norway  
**Telephone:** +47 67 584550  
**Emergency Telephone:** NCEC: +44 1865 407333, CHEMTREC (800) 424 9300  
 American Chemistry Council +1 703 527 3887, Greece +30 210 7793777

### 2 Composition/information on ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Distillates (Petroleum), Hydrotreated Light Butane	>50	64742-47-8	265-149-8	65, 66	Xn
	<25	106-97-8	203-448-7	12	F+

\*See Section 16

### 3 Hazards identification

- Odour: Smells of hydrocarbon
- Appearance: Aerosol
- Contact with eyes: May cause irritation
- Contact with skin: Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
- Inhalation: Vapours or aerosols may cause irritation of eyes, nose and respiratory tract, In cases of severe exposure, dizziness, confusion, headache or stupor may develop
- Ingestion: Not regarded as a potential route of exposure.



Extremely Flammable

### 4 First aid measures

#### Contact with skin

- After contact with skin, wash immediately with plenty of soap and water (S28)
- Contaminated clothing should be laundered before reuse

#### Contact with eyes

- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- Seek medical advice

#### Ingestion

- Not regarded as a potential route of exposure.

#### 4 First aid measures (....)

##### Inhalation

- Remove patient to fresh air
- Obtain immediate medical attention

##### General

- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)

##### Notes to Physicians

Do not give adrenalin or equivalent medicines.

#### 5 Fire-fighting measures

- Lower flammability limit 1%(in air), Upper flammability limit 6%(in air)
- Portable containers should be moved if possible and without risk
- Keep container(s) exposed to fire cool, by spraying with water
- Inform Fire Brigade of potential danger of exploding and rocketing cylinders
- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide (S43)
- Substance evolves toxic fumes, wear self-contained breathing apparatus

#### 6 Accidental release measures

##### Personal Precautions

- Shut off all ignition sources
- Wear suitable respiratory protection

##### Environmental Precautions

- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback

##### Clean Up Actions

- Shut off source of leak if safe to do so
- Absorb spillage in suitable inert material
- Wash spill site with water and detergent

#### 7 Handling and storage

##### Handling

- Restricted to professional users
- Ensure adequate ventilation
- Keep away from heat and sources of ignition

##### Storage

- Keep in a cool, dry, well ventilated place
- Keep away from open flames, hot surfaces and sources of ignition.
- Recommended storage temperature between 10 and 30 °C

#### 8 Exposure controls and personal protection

##### Exposure Limits

- TLV (TWA) 1430 mg/m<sup>3</sup> (Butane)
- TLV (TWA) 281 ppm (Isoparaffinic hydrocarbon)

##### Exposure controls

- The undiluted product must not be used in a confined space without good ventilation

##### Occupational exposure controls

- Wear approved respirator if exposure likely to exceed TLV
- Wear suitable protective clothing, including eye/face protection and gloves (neoprene or nitrile are recommended)



Visor



Gloves



Suit



No Smoking

#### 9 Physical and chemical properties

- Odour: Smells of hydrocarbon
- Appearance: Aerosol
- pH - not applicable

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## 9 Physical and chemical properties (....)

- Boiling point 230 °C at 760 mm /Hg
- Vapour pressure <0.5 mm Hg at 20 deg C
- Vapour density (air = 1) >1
- Insoluble in water
- Specific gravity 0.85 g/cm<sup>3</sup>
- Lower flammability limit 1%(in air), Upper flammability limit 6%(in air)
- Evaporation rate (Butyl acetate = 1) < 001

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## 10 Stability and reactivity

- This article is considered stable under normal conditions
- Avoid overheating

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## 11 Toxicological information

### Toxicological information

- No experimental data available

### Inhalation

- Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
- In cases of severe exposure, dizziness, confusion, headache or stupor may develop

### Contact with skin

- Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis

### Contact with eyes

- In cases of severe exposure, irritation may develop

### Ingestion

- Not regarded as a potential route of exposure.

### Carcinogenicity

- No evidence of carcinogenic effects

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## 12 Ecological information

### Ecotoxicity

- No information available

### Mobility

- Insoluble in water

### Persistence and Biodegradability

- Most components in this product are not readily biodegradable.

### Bioaccumulation Potential

- Hydrocarbon solvents have the potential to bioaccumulate.

### Other Adverse Effects

- No environmental problems are expected when the product is used / handled correctly.

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## 13 Disposal considerations

### Classification

- This material and/or its container must be disposed of as hazardous waste

### Disposal considerations

- Disposal should be in accordance with local, state or national legislation
- Do not pierce or burn container, even after use

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## 14 Transport information



Flammable gas

Proper Shipping Name: Aerosol cans. Aerosols, non-flammable, n.o.s

UN

Proper Shipping Name:

Aerosols

UN No.:

1950

**14 Transport information (....)**

Hazard Class:	2.1	Packing Group:	N/A
Road/Rail (ADR/RID)			
Proper Shipping Name:	Aerosols	ADR UN No.:	1950
ADR Hazard Class:	2	Tremcard:	20G1A
Sea (IMDG)			
Proper Shipping Name:	Aerosols	IMDG UN No.:	1950
IMDG Hazard Class.:	2.1	IMDG Pack Group.:	N/A
IMDG EmS:	F-D, S-U	IMDG subrisk:	N/A
IMDG Labels:	2.2	IMDG Flashpoint:	N/A
Air (ICAO/IATA)			
Proper Shipping Name:	Forbidden	ICAO Un No.:	-
ICAO Hazard Class.:	-	ICAO Packing Group.:	-
ICAO subrisk:	-	ICAO Labels:	-
ICAO Flashpoint:	-		
DOT / CFR (US Department of Transportation)			
DOT Proper Shipping Name:	Aerosols		
Hazardous Material:	Distillates(Petroleum) Hydrotreated Light, butane		
Hazard Class:	2.1	Identification Number:	UN 1950
Product RQ (lbs):	N/A	DOT subrisk:	N/A
DOT Labels:	2.2	DOT Flashpoint:	N/A

- Gas cylinders must be equipped with valve protection caps during transport.

**15 Regulatory information**

Extremely Flammable

**Risk Phrases**

- Extremely Flammable (R12)
- Repeated exposure may cause skin dryness or cracking (R66)

**Safety Phrases**

- Keep out of reach of children (S2)
- Keep away from sources of ignition - No Smoking (S16)
- Do not breathe spray/mists (S23)
- Avoid contact with skin (S24)
- Use only in well ventilated areas (S51)

**16 Other information**

Text of R and S phrase codes used in this safety data sheet:- R12: Extremely Flammable; R65: Harmful: may cause lung damage if swallowed; R66: Repeated exposure may cause skin dryness or cracking.

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents

The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties. The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer

This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC)

This Safety Data Sheet is provided in compliance with The Dangerous Preparations Directive (88/379/EEC)

This Safety Data Sheet is provided in compliance with The Safety Data Sheets Directive (2001/58EC)

