

**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Product name:** Slik 290**Other identification:****1.2 Relevant identified uses of the substance or mixture and uses advised against**

Solvent cleaner

**1.3 Details of the supplier of the safety data sheet**

SwanTek

Mintsfeet Road South, Kendal, LA9 6ND, UK

Tel: +44 (0)1539 722247 Email: service@swantek.com Web: www.swantek.com

**1.4 Emergency telephone number**

As per section 1.3

**Section 2: Hazards identification****2.1 Classification of the substance or mixture**

Flam. Liq. 3, H226

Eye Irrit. 2, H319

Asp. Tox. 1 H304

Full text of H-phrases: see section 16

**2.2 Label elements****Hazard pictograms:**

CLP 02 Flammable

CLP 07 Exclamation

CLP 08 Health

(none)

**Signal word:**

Danger

**Hazard statements:**

H226 - Flammable liquid and vapour

H304 - May be fatal if swallowed and enters airways

H319 - Causes serious eye irritation

**Precautionary statements:** P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking

P233 - Keep container tightly closed

P240 - Ground/bond container and receiving equipment

P241 - Use explosion-proof electrical, lighting, ventilating equipment

P264 - Wash hands thoroughly after handling

P280 - Wear eye protection

P301+P310 - IF SWALLOWED: Immediately call a doctor or POISON CENTRE

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing

P331 - Do NOT induce vomiting

P337+P313 - If eye irritation persists: Get medical advice/attention

P370+P378 - In case of fire: Use foam to extinguish

P403+P235 - Store in a well-ventilated place. Keep cool

P405 - Store locked up

**Other label elements:**

Hazardous ingredients: Hydrocarbons, C10-13, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics, Hydrocarbons, C9, aromatics

**2.3 Other hazards**

No additional information available

## Section 3: Composition / information on ingredients

### 3.1 Substances

#### 3.2 Mixtures

Hydrocarbons, C10-13, n-alkanes, isoalkanes, cyclics, < 2% aromatics  
(CAS No) 64742-48-9, (EC no) 918-481-9, (EC index no) 649-327-00-6, (REACH-no) 01-2119457273-39  
>= 60%

Flam. Liq. 3, H226  
Asp. Tox. 1, H304

Hydrocarbons, C9, aromatics  
(CAS No) EC:918-668-5, (EC no) 918-668-5  
5-15%  
Flam. Liq. 3, H226  
Asp. Tox. 1, H304  
Aquatic Chronic 2, H411

Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether  
(CAS No) Polymer\_DT01  
1-5%  
Acute Tox. 4 (Dermal), H312  
Eye Dam. 1, H318

Full text of H-phrases: see section 16

## Section 4: First aid measures

### 4.1 Description of first aid measures

**General:** Get medical advice/attention if you feel unwell.  
**Inhalation:** Remove person to fresh air and keep comfortable for breathing.  
**Ingestion:** Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Get medical advice/attention.  
**Skin:** Wash with plenty of soap and water.  
**Eye:** Immediately rinse with water for a prolonged period while holding the eyelids wide open. Get immediate medical advice/attention.

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

**General:**  
**Inhalation:** May cause respiratory irritation.  
**Ingestion:** May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract.  
**Skin:** Repeated exposure may cause skin dryness or cracking.  
**Eye:** Causes eye irritation.

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

Treat symptomatically.

## Section 5: Firefighting measures

### 5.1 Extinguishing media

Use carbon dioxide, dry powder or foam. Do not use a heavy water stream.

### 5.2 Special hazards arising from the substance or mixture

Flammable liquid and vapour.

### 5.3 Advice for firefighters

No additional information available

## Section 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Remove ignition sources. Evacuate unnecessary personnel. Use personal protective equipment as required.

### 6.2 Environmental precautions

Avoid release to the environment.

### **6.3 Methods and material for containment and cleaning up**

Collect spillage. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

### **6.4 Reference to other sections**

For further information refer to sections 8 and 13.

## **Section 7: Handling and storage**

### **7.1 Precautions for safe handling**

Handle empty containers with care because residual vapours are flammable. Keep away from sources of ignition - No smoking. Do not eat, drink or smoke when using this product.

### **7.2 Conditions for safe storage, including any incompatibilities**

Technical measures: Does not require any specific or particular technical measures.

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

Incompatible products: Oxidizing agent. Strong acids. Strong bases.

Incompatible materials: Direct sunlight. Heat sources. Sources of ignition.

Special rules on packaging: Keep only in original container.

### **7.3 Specific end use(s)**

No additional information available

## **Section 8: Exposure controls / personal protection**

### **8.1 Control parameters**

No additional information available

### **8.2 Exposure controls**

Materials for protective clothing: Not required for normal conditions of use

Hand protection: In case of repeated or prolonged contact wear gloves

Eye protection: Safety glasses

Skin and body protection: Not required for normal conditions of use

Respiratory protection: Not required for normal conditions of use

## **Section 9: Physical and chemical properties**

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

*Note: This information represents typical data and is not a specification.*

Physical state	Liquid
Appearance	Liquid
Colour	Amber
Odour	Characteristic
pH	7
Boiling point	≈ 150°C
Flash point	≈ 44°C
Flammability (solid, gas)	Flammable
Relative density	0.78
Viscosity, kinematic	< 20.5 mm <sup>2</sup> /s

### **9.2 Other information**

No additional information available

## **Section 10: Stability and reactivity**

### **10.1 Reactivity**

Flammable liquid and vapour.

### **10.2 Chemical stability**

Stable under normal conditions.

### **10.3 Possibility of hazardous reactions**

No additional information available

### **10.4 Conditions to avoid**

No flames, no sparks. Eliminate all sources of ignition.

#### **10.5 Incompatible materials**

No additional information available

#### **10.6 Hazardous decomposition products**

No additional information available

### **Section 11: Toxicological information**

#### **11.1 Information on toxicological effects**

Acute toxicity: Not classified

Skin corrosion/irritation: Not classified, pH 7

Serious eye damage/irritation: Causes serious eye irritation, pH 7

Respiratory or skin sensitisation: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

Specific target organ toxicity (single exposure): Not classified

Specific target organ toxicity (repeated exposure): Not classified

Aspiration hazard: May be fatal if swallowed and enters airways.

Viscosity, kinematic: < 20.5 mm<sup>2</sup>/s

### **Section 12: Ecological information**

#### **12.1 Toxicity**

Hydrocarbons, C10-13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)

LC50 fishes 1: > 1000 mg/l

EC50 other aquatic organisms 1: > 1000 mg/l EC50 waterflea (48 h)

EC50 other aquatic organisms 2: > 1000 mg/l IC50 algae (72 h) mg/l

Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether (Polymer\_DT01)

LC50 fishes 1: > 10 - 100 mg/l

EC50 Daphnia 1: > 10 - 100 mg/l

ErC50 (other aquatic plants): > 10 - 100 mg/l

#### **12.2 Persistence and degradability**

No additional information available

#### **12.3 Bioaccumulative potential**

No additional information available

#### **12.4 Mobility in soil**

No additional information available

#### **12.5 Results of PBT and vPvB assessment**

No additional information available

#### **12.6 Other adverse effects**

No additional information available

### **Section 13: Disposal considerations**

#### **13.1 Waste treatment methods**

No additional information available

### **Section 14: Transport information**

#### **General**

#### **14.1 UN Number**

UN-No. (ADR/IMDG/IATA): 1993

#### **14.2 UN proper shipping name**

Proper Shipping Name (ADR/IMDG/IATA): FLAMMABLE LIQUID, N.O.S.

Transport document description (ADR): UN 1993 FLAMMABLE LIQUID, N.O.S. (MIXED ALIPHATIC & AROMATIC

HYDROCARBONS), 3, III, (D/E)

Transport document description (IMDG): UN 1993 FLAMMABLE LIQUID, N.O.S., 3, III

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

Transport hazard class(es) (ADR/IMDG/IATA): 3

Danger labels (ADR/IMDG/IATA): 3 (Flammable)

#### **14.4 Packing group**

Packing group (ADR/IMDG/IATA): III

#### **14.5 Environmental hazards**

Dangerous for the environment: No

Marine pollutant: No

Other information: No supplementary information available

#### **14.6 Special precautions for user**

- Overland transport

Classification code (ADR): F1

Special provisions (ADR): 274, 601, 640E

Limited quantities (ADR): 5L

Excepted quantities (ADR): E1

Packing instructions (ADR): P001, IBC03, LP01, R001

Mixed packing provisions (ADR): MP19

Portable tank and bulk container instructions (ADR): T4

Portable tank and bulk container special provisions (ADR): TP1, TP29

Tank code (ADR): LGBF

Vehicle for tank carriage: FL

Transport category (ADR): 3

Special provisions for carriage - Packages (ADR): V12

Special provisions for carriage - Operation (ADR): S2

Hazard identification number (Kemler No.): 30

Orange plates: 30/1993

Tunnel restriction code (ADR): D/E

EAC code: 3YE

- Transport by sea

Special provisions (IMDG): 223, 274, 955

Limited quantities (IMDG): 5L

Excepted quantities (IMDG): E1

Packing instructions (IMDG): P001, LP01

IBC packing instructions (IMDG): IBC03

Tank instructions (IMDG): T4

Tank special provisions (IMDG): TP1, TP29

EmS-No. (Fire): F-E

EmS-No. (Spillage): S-E

Stowage category (IMDG): A

- Air transport

PCA Excepted quantities (IATA): E1

PCA Limited quantities (IATA): Y344

PCA limited quantity max net quantity (IATA): 10L

PCA packing instructions (IATA): 355

PCA max net quantity (IATA): 60L

CAO packing instructions (IATA): 366

CAO max net quantity (IATA): 220L

Special provisions (IATA): A3

ERG code (IATA): 3L

#### **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code**

IBC code: Not applicable.

## **Section 15: Regulatory information**

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

#### EU-Regulations

Contains no substances with Annex XVII restrictions  
Contains no substance on the REACH candidate list  
Contains no REACH Annex XIV substances

#### National regulations

##### Germany

VwVwS Annex reference: Water hazard class (WGK) nwg, non-hazardous to water (Classification according to VwVwS, Annex 4)  
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

##### Denmark

Classification remarks: Emergency management guidelines for the storage of flammable liquids must be followed  
Recommendations Danish Regulation: Young people below the age of 18 years are not allowed to use the product

### **15.2 Chemical safety assessment**

No additional information available

## **Section 16: Other information**

Full text of H- and EUH-phrases:

Acute Tox. 4 (Dermal): Acute toxicity (dermal), Category 4

Aquatic Chronic 2: Hazardous to the aquatic environment — Chronic Hazard, Category 2

Asp. Tox. 1: Aspiration hazard, Category 1

Eye Dam. 1: Serious eye damage/eye irritation, Category 1

Eye Irrit. 2: Serious eye damage/eye irritation, Category 2

Flam. Liq. 3: Flammable liquids, Category 3

H226: Flammable liquid and vapour

H304: May be fatal if swallowed and enters airways

H312: Harmful in contact with skin

H318: Causes serious eye damage

H319: Causes serious eye irritation

H411: Toxic to aquatic life with long lasting effects

The responsibility to ensure safe working conditions within the workplace remains with the user. The information on this SDS is given as a guide to the precautions required to maintain a safe work environment. This product is for professional use only. Not for sale or resale to the general public. Use in applications other than those described above may give rise to risks not covered by the information on this SDS. The physical and chemical properties on this SDS are typical properties and are not a specification. Please report any errors.