

## Section 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Product name:** Solo

**Other identification:**

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

Hard surface 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](mailto:service@swantek.com) Web: [www.swantek.com](http://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

Skin Corr. 1A, H314

Eye Irrit. 2, H319

Full text of H-phrases: see section 16

### 2.2 Label elements

**Hazard pictograms:** CLP 05 Corrosive

(none)

(none)

(none)



**Signal word:** Danger

**Hazard statements:** H314 - Causes severe skin burns and eye damage

**Precautionary statements:** P264 - Wash hands thoroughly after handling  
P280 - Wear eye protection, protective gloves  
P302+P352 - IF ON SKIN: Wash with plenty of soap, water  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P362 - Take off contaminated clothing  
P315 - Get immediate medical advice/attention

**Other label elements:**

### 2.3 Other hazards

No additional information available

## Section 3: Composition / information on ingredients

### 3.1 Substances

#### 3.2 Mixtures

Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether  
(CAS No) Polymer\_DT03  
1-5%

Acute Tox. 4 (Oral), H302

Eye Dam. 1, H318

Sodium hydroxide, caustic soda

(CAS No) 1310-73-2, (EC no) 215-185-5, (EC index no) 011-002-00-6

1-5%

Skin Corr. 1A, H314

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. Take off immediately all contaminated clothing and wash it before reuse.

**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:** Burns.

**Skin:** Burns.

**Eye:** Causes serious eye damage.

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

Treat symptomatically.

## Section 5: Firefighting measures

### 5.1 Extinguishing media

Carbon dioxide. Dry powder. Foam.

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

Hazardous decomposition products in case of fire: Corrosive vapours.

### 5.3 Advice for firefighters

No additional information available

## Section 6: Accidental release measures

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

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

Avoid contact with skin and eyes. 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: Keep container closed when not in use.

Incompatible products: Oxidizing agent. Strong acids.

Incompatible materials: Metals.

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: Protective 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**

Physical state	Liquid
Appearance	Liquid
Colour	Blue
Odour	Odourless
pH	12
Relative density	1.02

### **9.2 Other information**

No additional information available

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

### **10.1 Reactivity**

No additional information available

### **10.2 Chemical stability**

Stable under normal conditions.

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

No additional information available

### **10.4 Conditions to avoid**

No additional information available

### **10.5 Incompatible materials**

Metals

### **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: Causes severe skin burns and eye damage. pH: 12

Serious eye damage/irritation: Causes serious eye irritation. pH: 12

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: Not classified

## **Section 12: Ecological information**

### **12.1 Toxicity**

Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether (Polymer\_DT03)

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): 1760

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

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

Transport document description (ADR): UN 1760 CORROSIVE LIQUID, N.O.S. (SODIUM HYDROXIDE), 8, III, (E)

Transport document description (IMDG): UN 1760 CORROSIVE LIQUID, N.O.S., 8, III

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

Transport hazard class(es) (ADR/ IMDG/ IATA): 8

Danger labels (ADR/ IMDG/ IATA): 8 (Corrosive)

#### **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): C9

Special provisions (ADR): 274

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): T7

Portable tank and bulk container special provisions (ADR): TP1, TP28

Tank code (ADR): L4BN

Vehicle for tank carriage: AT

Transport category (ADR): 3

Special provisions for carriage - Packages (ADR): V12

Hazard identification number (Kemler No.): 80

Orange plates: 80/1760

Tunnel restriction code (ADR): E

EAC code: 2X

APP code: B

- Transport by sea

Special provisions (IMDG): 223, 274

Limited quantities (IMDG): 5L  
Excepted quantities (IMDG): E1  
Packing instructions (IMDG): P001, LP01  
IBC packing instructions (IMDG): IBC03  
Tank instructions (IMDG): T7  
Tank special provisions (IMDG): TP1, TP28  
EmS-No. (Fire): F-A  
EmS-No. (Spillage): S-B  
Stowage category (IMDG): A

- Air transport  
PCA Excepted quantities (IATA): E1  
PCA Limited quantities (IATA): Y841  
PCA limited quantity max net quantity (IATA): 1L  
PCA packing instructions (IATA): 852  
PCA max net quantity (IATA): 5L  
CAO packing instructions (IATA): 856  
CAO max net quantity (IATA): 60L  
Special provisions (IATA): A3  
ERG code (IATA): 8L

#### **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-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) 1, slightly 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

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 (Oral): Acute toxicity (oral), Category 4

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

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

Skin Corr. 1A: Skin corrosion/irritation, Category 1A

H302: Harmful if swallowed

H314: Causes severe skin burns and eye damage

H318: Causes serious eye damage

H319: Causes serious eye irritation

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.