

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

1.1 Product identifier

Product name: Silicone Remover

Other identification:

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

Silicone remover

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

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

Skin corrosion/irritation, Category 1, Sub-Category 1C, H314

Serious eye damage/eye irritation, Category 1, H318

Aspiration hazard, Category 1, H304

Hazardous to the aquatic environment – Chronic Hazard, Category 3, H412

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects: Causes severe skin burns and eye damage. Causes serious eye damage. May be fatal if swallowed and enters airways. Harmful to aquatic life with long lasting effects.

2.2 Label elements

Hazard pictograms: CLP 05 Corrosive

CLP 08 Health

(none)

(none)



Signal word: Danger

Hazard statements: H304 - May be fatal if swallowed and enters airways.
H314 - Causes severe skin burns and eye damage.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements: P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P301+P310+P331 - IF SWALLOWED: Immediately call a POISON CENTRE or doctor. Do NOT induce vomiting.

P301+P330+P331+P310 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTRE or doctor.

P303+P361+P353+P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTRE or doctor.

P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor.

P321 - Specific treatment (see supplemental first aid instruction on this label).

Other label elements: Contains: Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics; Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.

2.3 Other hazards

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in

accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0.1%.

Section 3: Composition / information on ingredients

3.1 Substances

3.2 Mixtures

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

EC-No.: 926-141-6

REACH-no: 01-2119456620-43

Concentration: ≥ 70%

Asp. Tox. 1, H304 EUH066

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.

CAS-No.: 85536-14-7

EC-No.: 287-494-3

REACH-no: 01-2119490234-40

Concentration: ≥ 5% – < 10%

Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Skin Corr. 1C, H314 Eye Dam. 1, H318 Aquatic Chronic 3, H412

Full text of H- and EUH-statements: see section 16

Section 4: First aid measures

4.1 Description of first aid measures

General: Call a physician immediately.

Inhalation: Remove person to fresh air and keep comfortable for breathing.

Ingestion: Rinse mouth. Do not induce vomiting. Call a physician immediately.

Skin: Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.

Eye: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

General:

Inhalation: Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.

Ingestion: Burns. Risk of lung oedema.

Skin: Burns.

Eye: Serious damage to eyes.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media: Do not use a heavy water stream.

5.2 Special hazards arising from the substance or mixture

Fire hazard: No fire hazard.

Explosion hazard: No direct explosion hazard.

Hazardous decomposition products in case of fire: Toxic fumes may be released.

5.3 Advice for firefighters

Firefighting instructions: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General measures: Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

For non-emergency personnel:

Protective equipment: Wear recommended personal protective equipment.

Emergency procedures: Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.

For emergency responders:

Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures: Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

For containment: Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.

Methods for cleaning up: Take up liquid spill into absorbent material.

Other information: Dispose of materials or solid residues at an authorized site.

6.4 Reference to other sections

For further information refer to section 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

Additional hazards when processed: Not expected to present a significant hazard under anticipated conditions of normal use.

Precautions for safe handling: Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.

Hygiene measures: Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

Always wash hands after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures: Keep in a cool, well-ventilated place away from heat.

Storage conditions: Store locked up.

Packaging materials: Store always product in container of same material as 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

Appropriate engineering controls: Ensure good ventilation of the work station.

Personal protective equipment: Wear recommended personal protective equipment.

Eye protection: Safety glasses.

Skin and body protection: Wear suitable protective clothing.

Hand protection: Protective gloves.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards: No additional information available.

Environmental exposure controls: Avoid release to the environment.

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
Colour	Amber

Appearance	Liquid
Odour	Characteristic
Boiling point	> 35°C
Flammability	Non flammable
Flash point	> 75°C
pH	≈ 7

9.2 Other information

No additional information available.

Section 10: Stability and reactivity

10.1 Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4 Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5 Incompatible materials

No additional information available.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological information

11.1 Information on toxicological effects

Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral): Not classified

Acute toxicity (dermal): Not classified

Acute toxicity (inhalation): Not classified

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

LD50 oral rat: > 5000 mg/kg

LD50 dermal rabbit: > 5000 mg/kg

LC50 Inhalation - Rat: > 5000 mg/m³

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. (85536-14-7)

LD50 oral rat: ≈ 1470 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 1361 - 1588

LD50 dermal rat: > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

Skin corrosion/irritation: Causes severe skin burns. pH: ≈ 7

Serious eye damage/irritation: Causes serious eye damage. pH: ≈ 7

Respiratory or skin sensitisation: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

STOT-single exposure: Not classified

STOT-repeated exposure: Not classified

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. (85536-14-7)

NOAEL (subchronic, oral, animal/female, 90 days): 50 mg/kg bodyweight Animal: , Animal sex: female

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

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

Viscosity, kinematic: < 2 mm²/s @ 40°C

Section 12: Ecological information

12.1 Toxicity

Ecology - general: Harmful to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term (acute): Not classified

Hazardous to the aquatic environment, long-term (chronic): Harmful to aquatic life with long lasting effects.

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

LC50 - Fish [1]: > 1000 mg/l OECD 203, Oncorhynchus mykiss

EC50 - Crustacea [1]: > 1000 mg/l OECD 202, Daphnia magna

EC50 72h - Algae [1]: > 1000 mg/l OECD 201, Scenedesmus subspicatus

NOEC chronic fish: 0.17 mg/l Oncorhynchus mykiss

NOEC chronic crustacea: 1.22 mg/l Daphnia magna

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. (85536-14-7)

LC50 - Fish [1]: 2.88 mg/l Test organisms (species): Pimephales promelas

LC50 - Fish [2]: 1.67 mg/l Test organisms (species): Lepomis macrochirus

EC50 - Crustacea [1]: 2.9 mg/l Test organisms (species): Daphnia magna

EC50 72h - Algae [1]: 7.4 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

NOEC chronic fish: 0.23 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '72 d'

NOEC chronic crustacea: 1.18 mg/l Daphnia magna

12.2 Persistence and degradability

Product: Not rapidly degradable

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics: 69 % biodegradation OECD 301F.

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. (85536-14-7): Not rapidly degradable

12.3 Bioaccumulative potential

No additional information available.

12.4 Mobility in soil

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

Surface tension: 0.0257 mN/m @ 25°C

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

Regional waste regulation: Disposal must be done according to official regulations.

Waste treatment methods: Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations: Disposal must be done according to official regulations.

Product/Packaging disposal recommendations: Disposal must be done according to official regulations.

Additional information: Do not re-use empty containers.

HP Code: HP8 - "Corrosive:" waste which on application can cause skin corrosion.

Section 14: Transport information

General

In accordance with ADR / IMDG / IATA / ADN / RID

ADR LQ: 5L

14.1 UN Number

UN 2586

14.2 UN proper shipping name

ALKYLSULPHONIC ACIDS, LIQUID

Transport document description: UN 2586 ALKYLSULPHONIC ACIDS, LIQUID, 8, III, (E)

14.3 Transport hazard class(es)

8 (Corrosive)

14.4 Packing group

III

14.5 Environmental hazards

Dangerous for the environment: No

Marine pollutant: No

14.6 Special precautions for user

Overland transport

Classification code (ADR): C3

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

Tank code (ADR): L4BN

Tank special provisions (ADR): TU42

Vehicle for tank carriage: AT

Transport category (ADR): 3

Special provisions for carriage - Packages (ADR): V12

Hazard identification number (Kemler No.): 80

Orange plates: 80/2586

Tunnel restriction code (ADR): E

EAC code: 2X

Transport by sea

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

EmS-No. (Fire): F-A

EmS-No. (Spillage): S-B

Stowage category (IMDG): B

Segregation (IMDG): SGG1, SG36, SG49

Properties and observations (IMDG): Liquids usually with a pungent odour. When involved in a fire, evolve highly toxic gases. Corrosive to most metals. Cause burns to skin, eyes and mucous membranes.

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): A803

ERG code (IATA): 8L

Inland waterway transport

Classification code (ADN): C3

Limited quantities (ADN): 5L

Excepted quantities (ADN): E1

Carriage permitted (ADN): T

Equipment required (ADN): PP, EP

Number of blue cones/lights (ADN): 0

Rail transport
Classification code (RID): C3
Limited quantities (RID): 5L
Excepted quantities (RID): E1
Packing instructions (RID): P001, IBC03, LP01, R001
Mixed packing provisions (RID): MP19
Portable tank and bulk container instructions (RID): T4
Portable tank and bulk container special provisions (RID): TP1
Tank codes for RID tanks (RID): L4BN
Special provisions for RID tanks (RID): TU42
Transport category (RID): 3
Special provisions for carriage – Packages (RID): W12
Colis express (express parcels) (RID): CE8
Hazard identification number (RID): 80

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

REACH Annex XVII (Restriction List): Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List): Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC): Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent): Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants): Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009): Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Dual-Use Regulation (428/2009): Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

Explosives Precursors Regulation (2019/1148): Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004): Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

National regulations

Germany

Employment restrictions: Observe restrictions according Act on the Protection of Working Mothers (MuSchG). Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG).

Water hazard class (WGK): WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).

Hazardous Incident Ordinance (12. BImSchV): Is not subject to the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

ABM category: A(3) - hazardous for aquatic organisms, may have longterm hazardous effects in aquatic environment

SZW-lijst van kankerverwekkende stoffen: Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. is listed

SZW-lijst van mutagene stoffen: Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. is listed

SZW-lijst van reprotoxische stoffen – Borstvoeding: None of the components are listed

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid: None of the components are listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling: None of the components are listed

Denmark

Classification remarks: Emergency management guidelines for the storage of flammable liquids must be followed

Danish National Regulations: Young people below the age of 18 years are not allowed to use the product

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

Section 16: Other information

Abbreviations and acronyms

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE: Acute Toxicity Estimate

BCF: Bioconcentration factor

BLV: Biological limit value

BOD: Biochemical oxygen demand (BOD)

COD: Chemical oxygen demand (COD)

DMEL: Derived Minimal Effect level

DNEL: Derived-No Effect Level

EC-No.: European Community number

EC50: Median effective concentration

EN: European Standard

IARC: International Agency for Research on Cancer

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods

LC50: Median lethal concentration

LD50: Median lethal dose

LOAEL: Lowest Observed Adverse Effect Level

NOAEC: No-Observed Adverse Effect Concentration

NOAEL: No-Observed Adverse Effect Level

NOEC: No-Observed Effect Concentration

OECD: Organisation for Economic Co-operation and Development

OEL: Occupational Exposure Limit

PBT: Persistent Bioaccumulative Toxic

PNEC: Predicted No-Effect Concentration

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

SDS: Safety Data Sheet

STP: Sewage treatment plant

ThOD: Theoretical oxygen demand (ThOD)

TLM: Median Tolerance Limit

VOC: Volatile Organic Compounds

CAS-No.: Chemical Abstract Service number

N.O.S.: Not Otherwise Specified

vPvB: Very Persistent and Very Bioaccumulative

ED: Endocrine disrupting properties

Full text of H- and EUH-statements

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

Aquatic Chronic 3: Hazardous to the aquatic environment – Chronic Hazard, Category 3

Asp. Tox. 1: Aspiration hazard, Category 1

EUH066: Repeated exposure may cause skin dryness or cracking.

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

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

H412: Harmful to aquatic life with long lasting effects.

Skin Corr. 1C: Skin corrosion/irritation, Category 1, Sub-Category 1C

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.