

MATERIAL: TECHSIL[®] SILSTRIP LIQUID

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

- 1.1 Product Name:** Techsil[®] Silstrip Liquid
- 1.2 Supplier:** Techsil Ltd
34 Bidavon Industrial Estate
Waterloo Road
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Email: sales@techsil.co.uk
- 1.3 Emergency Telephone:** +44(0)7971 228794

SECTION 2: Hazards Identification

2.1 Classification of the Substance or Mixture:

Classification under CLP: Asp. Tox. 1: H304; Skin Corr. 1C: H314; -: EUH066

2.2 Label Elements:

Hazard statements: EUH066: Repeated exposure may cause skin dryness or cracking.
H304: May be fatal if swallowed and enters airways.
H314: Causes severe skin burns and eye damage.

Signal words: Danger

Hazard pictograms: GHS05: Corrosion
GHS08: Health hazard



Precautionary statements: P260: Do not breathe dust/fumes/gas/mist/vapours/spray.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+310: IF SWALLOWED: Immediately call a POISON CENTRE/doctor.
P301+330+331: IF SWALLOWED: Rinse mouth.
Do NOT induce vomiting.
P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing

Contact Details

2.3 Other Hazards:

PBT: This product is not identified as a PBT/vPvB substance.

v COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:

3.2 Mixtures:

Hazardous ingredients:

HYDROCARBONS, C11-C14, ISOALKANES, CYCLICS, <2% AROMATICS

EINECS	CAS	PBT/WEL	CLP Classification	Percent
927-285-2	-	-	Asp. Tox. 1: H304; -:EUH066	>90%

BENZENESULFONIC ACID, 4-C10-13-SEC-ALKYLDERIVS.

287-494-3	85536-14-7	-	Aquatic Chronic 3: H412; Skin Corr. 1C: H314; Acute Tox. 4: H302; Eye Dam. 1: H318	1-10%
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SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures:

Skin contact:

Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eye contact:

Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion:

Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation:

Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provided oxygen if available. Transfer to hospital as soon as possible.

4.2 Most Important Symptoms and Effects, both Acute and Delayed:

Skin contact:

Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact:

Corneal burns may occur. May cause permanent damage.

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- Ingestion:** Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.
- Inhalation:** There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.
- Delayed/immediate effects:** Immediate effects can be expected after short-term exposure.

4.3 Indication of any immediate medical attention and special treatment needed

Immediate/special treatment: Eye Bathing equipment should be available on the premises

SECTION 5: FIREFIGHTING MEASURES

- 5.1 Extinguishing Media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
- 5.2 Special Hazards Arising from the Substance or Mixture:**
Exposure hazards: Corrosive. In combustion emits toxic fumes.
- 5.3 Advice for Firefighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent with skin and eyes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing – see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid. Refer to section 8 of SDS for personal protection details.

6.2 Environmental Precautions:

Do not discharge into drains or rivers. Contain the spillage using bundling.

6.3 Methods and Material for Containment and Cleaning-Up:

Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4 Reference to Other Sections: Refer to section 8 of SDS

Contact Details

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2 Conditions for Safe Storage, Including and Incompatibilities:

Store in a cool, well ventilated area. Keep container tightly closed.

7.3 Specific End Use(s):

No data available

SECTION 8: HANDLING AND STORAGE

8.1 Control Parameters

Workplace exposure limits: No data available

DNEL/PNEC Values

DNEL/PNEC No data available

8.2 Exposure Controls:

Engineering measures: Ensure there is a ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Impermeable gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties:

State: Liquid
Colour: Amber to dark tan
Odour: Characteristic odour
Viscosity: Non-viscous
Boiling point/range °C: >35
Flash point °C: >75
pH: Approx. 7

9.2 Other Information:

No data available

Contact Details

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

Stable under recommended transport or storage conditions

10.2 Chemical Stability:

Stable under normal conditions

10.3 Possibility of Hazardous Reactions:

Hazardous reactions:

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4 Conditions to Avoid:

Heat

10.5 Incompatible Materials:

Strong oxidising agents. Strong acids.

**10.6 Hazardous Decomposition
Products:**

In combustion emits toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Hazardous ingredients:

HYDROCARBONS, C11-C14, ISOALKANES, CYCLICS, <2% AROMATICS

DERMAL	RBT	LD50	>3000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg
VAPOURS	RAT	4H LC50	>5000	mg/kg

BENZENESULFONIC ACID, 4-C10-13-SEC-ALKYLDERIVS.

ORAL	RAT	LD50	1200	mg/kg
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Relevant hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Aspiration hazard	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact:

Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact:

Corneal burns may occur. May cause permanent damage.

Ingestion:

Corrosive burns may appear around the lips. Blood may vomited. There may be bleeding from the mouth or nose.

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Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.
Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity: Ecotoxicity values:

Hazardous ingredients:

HYDROCARBONS, C11-C14, ISOALKANES, CYCLICS, <2% AROMATICS

Daphnia magna	48H EC50	>1000	mg/l
FISH	96H LC50	>1000	g/l

12.2 Persistence and Degradability:

Biodegradable

12.3 Bioaccumulative Potential:

No bioaccumulation potential.

12.4 Mobility in Soil:

Readily absorbed into soil

12.5 Results of PBT and vPvB Assessment:

This product is not identified as a PBT/vPvB substance.

12.6 Other Adverse Effects:

Negligible ecotoxicity.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

Transfer to a suitable container and arrange for collection by specialised disposal company.

NB:

The user's attention is drawn to the possible existence or regional or national regulations regarding disposal.

SECTION 14: TRANSPORT INFORMATION

UN Number: UN2586
Shipping Name: ALKYL SULPHONIC ACIDS, LIQUID
Transport Class: 8
Packing Group: III

Environmentally Haz: No
Marine Pollutant: No
Tunnel code: E

Contact Details

SECTION 15: REGULATORY INFORMATION

15.1 Specific regulations: Not applicable

15.2 Chemical Safety Assessment: A chemical safety assessment has not been carried out for the substance or the mixer by the supplier.

SECTION 16: OTHER INFORMATION

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Phrases used in s.2 and s.3: EUH066: Repeated exposure may cause skin dryness or cracking.

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H314: Causes severe skin burns and eye damage.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their particular use.

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