

# SAFETY DATA SHEET



According to REACH Regulation (EC) No 1907/2006,  
as amended by UK REACH Regulations SI 2019/758

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

### 1.1 Product identifier

- Product Name: Liquasil Lite Top Coat
- UFI:
- Product Part Number: PR2

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

Identified Uses: Protective Coating

Uses advised against: Use only for intended applications

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

- Name of Supplier: LIQUASIL LTD
- Address of Supplier: Unit 8 Radway Industrial Estate Radway Road, Solihull, B90 4NR
- Telephone: 0121 709 5352 Email: info@liquasil.com

Responsible Person: Technical Sales

### 1.4 Emergency telephone number +44 (0)709 5352 not 24 hours

---

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

- CLP:

### 2.2 Label elements

- Signal Word: Warning

#### Hazard statements

H227 - Combustible liquid.

EUH208 - Contains N-(3-(trimethoxysilyl)propyl)ethylenediamine. May produce an allergic reaction.

EUH066 - Repeated exposure may cause skin dryness or cracking.

#### Precautionary statements

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P374 - Fight fire with normal precautions from a reasonable distance.

P501 - Dispose of contents/container to an authorised waste collection point

**SECTION 2: Hazards identification (....)**2.3 Other hazards

---

**SECTION 3: Composition/information on ingredients**

## 3.2 Mixtures

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, <2% aromatics

CAS Number: 185857-36-7

EC Number: 940-726-3

Concentration: 10-20%

Specific Concentration Limits:

M factor:

Acute toxicity estimate:

Categories: Asp. Tox. 1

2-Pentanone, 2,2',2"-(O,O',O"-(methylsilylidene)trioxime]

CAS Number: 37859-55-5

EC Number: 484-460-1

Concentration: 2-5%

Specific Concentration Limits:

M factor:

Acute toxicity estimate:

Categories: Acute Tox. 4, Eye Irrit. 2

N-(3-(trimethoxysilyl)propyl)ethylenediamine

CAS Number: 1760-24-3

EC Number: 217-164-6

Concentration: 0.1-0.5%

Specific Concentration Limits:

M factor:

Acute toxicity estimate:

Categories: Acute Tox. 4, Eye Dam. 1, Skin Sens. 1

TIB KAT 216

CAS Number: 3648-18-8

EC Number: 222-883-3

Concentration: 0.05-0.1%

Specific Concentration Limits:

M factor:

Acute toxicity estimate:

Categories: STOT SE 2

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water
- Contaminated clothing should be laundered before reuse
- Do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention
- P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- P337+P313 - If eye irritation persists: Get medical advice/attention.

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

- Aspiration hazard
- In cases of severe exposure, dizziness, confusion, headache or stupor may develop
- Mildly irritating to skin and eyes

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

---

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- P370+P378 - In case of fire: use foam, carbon dioxide or dry agent to extinguish.

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

- In case of fire, do not breathe fumes
- May give off noxious and toxic fumes in a fire
- Smoke from fires is toxic. Take precautions to protect personnel from exposure

### 5.3 Advice for firefighters

- Do not apply water to leaking containers
- May give off noxious and toxic fumes in a fire
- Prevent run off water from entering drains if possible

---

## SECTION 6: Accidental release measures

### Spillage causes slippery surface

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

- In case of fire and/or explosion do not breathe fumes
- In confined spaces, sewers, etc., the vapours may collect to form explosive mixtures with air
- Remove contaminated clothing
- Spillage causes slippery surface
- Wear protective clothing as per section 8
- Wear eye/face protection
- In case of fire and/or explosion do not breathe fumes
- In confined spaces, sewers, etc., the vapours may collect to form explosive mixtures with air
- Remove contaminated clothing

### 6.2 Environmental precautions

## SECTION 6: Accidental release measures (....)

- Do not allow to enter public sewers and watercourses
- If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities
- P381 - In case of leakage, eliminate all ignition sources.
- Use appropriate containment to avoid environmental contamination

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

- Absorb spillage in inert material and shovel up
- Contain leaking liquid in earth or sand and remove to safe place when solid
- Remove contaminated material to safe location for subsequent disposal
- Ventilate area

### 6.4 Reference to other sections

---

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

- P270 - Do not eat, drink or smoke when using this product.
- Ensure adequate ventilation
- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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

- Keep container tightly closed and at a temperature not exceeding 35 °C
- P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

### 7.3 Specific end use(s)

---

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

- No exposure limits have been set for this substance

### 8.2 Exposure controls

- In case of insufficient ventilation, wear suitable respiratory equipment
- Wear suitable protective clothing, including eye/face protection and gloves (disposable are recommended)
- Keep working clothes separately and do not take them home

---

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Physical state: liquid
- Colour: grey
- Odour: Characteristic odour
- Melting point/Range:
- No information available

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

- Boiling Point/Range: 180 °C to 230 °C at 760 mm /Hg
- Flammability: Lower flammability limit 0.5% (in air)
- pH: not applicable
- Solubility in water: immiscible with water
- Density: 0.98 g/cm³ at 20 °C
- Flashpoint: 61°C

### 9.2 Other information

---

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

- This article is considered stable under normal conditions

### 10.2 Chemical stability

- Considered stable under normal conditions

### 10.3 Possibility of hazardous reactions

- In use, may form flammable/explosive vapour-air mixture

### 10.4 Conditions to avoid

- Keep away from naked flames, incandescent or hot surfaces

### 10.5 Incompatible materials

### 10.6 Hazardous decomposition products

- Decomposition products may include nitrogen and carbon oxides
- Decomposition products may include toxic fumes

---

## SECTION 11: Toxicological information

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

#### Acute toxicity

In cases of severe exposure, dizziness, confusion, headache or stupor may develop

#### Skin corrosion/irritation

May cause irritation

#### Serious eye damage/irritation

May cause irritation

#### Respiratory or skin sensitisation

No experimental data available

#### Germ cell mutagenicity

Based on the available data, the classification criteria are not met

## **SECTION 11: Toxicological information (....)**

### Carcinogenicity

Based on the available data, the classification criteria are not met

### Reproductive toxicity

Based on the available data, the classification criteria are not met

### STOT (specific target organ toxicity) - single exposure

Based on the available data, the classification criteria are not met

### STOT (specific target organ toxicity) - repeated exposure

Based on the available data, the classification criteria are not met

### Aspiration hazard

Based on the available data, the classification criteria are not met

## 11.2 Information on other hazards

---

## **SECTION 12: Ecological information**

### 12.1 Toxicity

#### N-(3-(trimethoxysilyl)propyl)ethylenediamine

IC<sub>50</sub> (algae): 8.8 mg/l (72 hr)

EC<sub>50</sub> (daphnia): 81 mg/l (48 hr)

### 12.2 Persistence and degradability

- Not readily biodegradable

### 12.3 Bioaccumulative potential

- No information available

### 12.4 Mobility in soil

- immiscible with water

### 12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

### 12.6 Endocrine disrupting properties

- Based on the available data, the classification criteria are not met

### 12.7 Other adverse effects

---

## **SECTION 13: Disposal considerations**

### 13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Do not discharge into drains or the environment, dispose to an authorised waste collection point

## SECTION 14: Transport information

### 14.1 UN number or ID number

- UN No.:1263
- Not classified as hazardous for transport

### 14.2 UN proper shipping name

- Proper Shipping Name: PAINT

### 14.3 Transport hazard class(es)

- Hazard Class:
- Not classified as hazardous for transport

### 14.4 Packing group

- Packing Group:
- Not classified as hazardous for transport

### 14.5 Environmental hazards

### 14.6 Special precautions for user

### 14.7 Maritime transport in bulk according to IMO instruments

---

## SECTION 15: Regulatory information

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

- Refer to current COSHH Regulations
- This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008 and 2015/830

### 15.2 Chemical safety assessment

- A chemical safety assessment (CSA) for this product has not yet been completed

---

## SECTION 16: Other information

--- end of safety datasheet ---

---