

1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier:** SUPAFLUSH
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
Relevant uses: Line Marker Cleaner. For professional use.
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of the supplier of the safety data sheet:**
Vitax Ltd
Owen Street, Coalville, Leics LE67 3DE
Tel: 01530 510060
e-mail: info@vitax.co.uk
- 1.4 Emergency telephone number:** Tel: 01530 510060 (office hours)

2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:**
CLP Regulation (EC) n° 1272/2008: Harmful to aquatic life with long lasting effects.
- 2.2 Label elements:**
CLP Regulation (EC) n° 1272/2008:
Symbol(s) None
Signal Word : None
Hazard indications: H412
Cautionary advice: P273, P501
Hazardous component(s) for labelling Contains 5-15% non-ionic surfactant
Supplementary information: EUH208: Contains 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one mixture (3:1). May produce an allergic reaction.
- 2.3 Other hazards:** Non-applicable

3: COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Substances:** Not applicable
- 3.2 Mixtures:**
In accordance with Annex II of Regulation (EC) n°1907/2006 (point 3), the product contains:
- | INGREDIENT | CAS/EINECS | Classification | Concentration |
|--------------------------------|-------------|---|-----------------------|
| polyether modified trisiloxane | 134180-76-0 | Acute Tox., 4, Skin, H312
Acute Tox., 4, Inhal'n, H332
Aquatic Chronic, 2, H411
Eye Dam. / Eye Irrit., 2, H319 | < 10% |
| CIT/MIT mixture (3:1) | 55965-84-9 | Corr Cat 1, Skin, H314
Corrosive, metal, H290
Sens Cat 1 skin, H317 | >0.00015% C < 0.0015% |

The full text of the risk phrases and hazard statements is contained in section 16.
All existing information on exposure limits is contained in section 8.

4: FIRST AID MEASURES

- 4.1 Description of first aid measures:** Remove contaminated clothing.
- By eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- By skin contact:** Wash thoroughly with soap and water.
- By ingestion:** Rinse out the mouth with water. Seek medical advice/attention.
- By inhalation:** Keep patient calm, remove to fresh air. If symptoms persist: Get medical advice/attention.
- 4.2 Most important symptoms and effects, both acute and delayed:**
No significant reaction of the human body to the product known.
- 4.3 Indication of any immediate medical attention and special treatment needed:**
Symptomatic treatment (decontamination, vital functions)

5: FIREFIGHTING MEASURES

- 5.1 Extinguishing media:** Suitable extinguishing media: water spray, dry powder, foam, carbon dioxide.
- 5.2 Special hazards arising from the substance or mixture:**
Carbon monoxide, carbon dioxide, silicon dioxide can be released in a fire.
- 5.3 Advice for firefighters:** Special protective equipment: Wear self-contained breathing apparatus and chemical-protective clothing.



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Additional provisions: Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Use personal protective clothing.

6.2 Environmental precautions: Avoid release to the environment. Do not discharge into the soil/subsoil. Do not discharge into drains, surface or groundwater.

6.3 Methods and material for containment and cleaning up:

Absorb the spillage using inert absorbent material eg sand, kieselguhr or universal binder. For large spillages dyke spillage and pump of product. Dispose of absorbed material in accordance with regulations.

7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

Advice on safe handling: Formation of aerosols or vapours during processing and application should be prevented.

General protective measures: Avoid contact with eyes and skin. Do not inhale aerosols

Hygiene measures: Do not eat, drink or smoke when working. Wash hands before breaks and after work. Keep away from foodstuffs and beverages.

7.2 Conditions for safe storage, including any incompatibilities:

Keep tightly closed. Protect from freezing.

7.3 Specific end use(s):

Line marking machine cleaner.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the work environment

There are no environmental limits for the substances contained in the product

DNEL (Workers): not applicable

DNEL (Population): not applicable

PNEC: not applicable

8.2 Exposure controls:

Personal protective equipment

Respiratory protection

Specific protection for the hands

Eye protection

Body protection

In case of formation of vapours/aerosols: Short term: filter apparatus, Filter A-P2

Suitable chemical resistant gloves (EN 374) for prolonged, direct contact.

no specific protective clothing requirement

no specific protective clothing requirement; a protective ointment is recommended.

General safety and hygiene measures: Avoid contact with eyes and skin. Do not inhale aerosols.

9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Form: Liquid

Colour: pale green

Odour: characteristic

Melting temperature: not measured

Boiling temperature: not measured

Flash point: >100 °C

Method: DIN EN 22719 (DIN 51758)

Ignition temperature: not measured

Lower explosion limit: not measured

Upper explosion limit: not measured

Vapour pressure: not measured

Density: approx. 1,0 g/cm³ at 25 °C

Water solubility: soluble

pH: 6 – 8 at 40 g/l water at 25 °C

Viscosity, dynamic: not measured

9.2 Other information:

None

10: STABILITY AND REACTIVITY

- 10.1 Reactivity:** No hazardous reactions if stored and handled as prescribed/indicated.
- 10.2 Chemical stability:** Chemically stable if stored and handled as prescribed/indicated.
- 10.3 Possibility of hazardous reactions:** No hazardous reactions if stored and handled as prescribed/indicated.
- 10.4 Conditions to avoid:** See section 7 Handling and Storage
- 10.5 Incompatible materials:** Substances to avoid: strong acids, alkalis and oxidising agents.
- 10.6 Hazardous decomposition products:**
No hazardous decomposition products if stored and handled as prescribed/indicated.

11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects:** data below is for active component polyether modified trisiloxane

- Acute oral toxicity : LD50 Species: rat Dose: 3.200 mg/kg
- Acute inhalation toxicity : LC50 aero. Species: rat Dose: 1,08 mg/l
Exposure time: 4 h Method: OECD 403
Source: Evonik Goldschmidt GmbH
- Acute toxicity estimate Dose: 14,67 mg/l
Method: Calculation method
- Acute dermal toxicity : LD50 Species: rabbit Dose: 1.550 mg/kg
LD50 Species: rat Dose: > 2.000 mg/kg
- Skin irritation : slight irritant effect - does not require labelling
- Eye irritation : Species: rabbit strong irritant
- Sensitization : Species: Guinea pig Classification: Did not cause sensitization on laboratory animals. non-sensitizing
- Remarks : The toxicological data refer to the undiluted 100 % polyether modified trisiloxane. The product is classified as harmful to aquatic life with long lasting effects.

12: ECOLOGICAL INFORMATION

The experimental information related to the ecotoxicological properties of the mixture itself is not available

- 12.1 Toxicity:** data below is for active component polyether modified trisiloxane
- Toxicity to fish: LC50 Species: rainbow trout Dose: 2,1 mg/l
- Toxicity to daphniae: EC50 Species: Daphnia magna Dose: 1,1 mg/l
- Toxicity to algae: EC50 Species: Scenedesmus subspicatus Dose: 28,2 mg/l refer to biomass
EC50 Species: Scenedesmus subspicatus Dose: 152,2 mg/l growth rate
- The ecotoxicological data refer to the undiluted 100 % polyether modified trisiloxane. The product is not classified as dangerous.
- 12.2 Persistence and degradability:** Not available
- 12.3 Bioaccumulative potential:** Significant accumulation in organisms is not to be expected
- 12.4 Mobility in soil:** Adsorption to solid phase is expected
- 12.5 Results of PBT and vPvB assessment:** The product does not contain a substance fulfilling PBT or vPvB criteria
- 12.6 Other adverse effects:** The product does not contain substances listed in Annex I of Regulation (EC) 2037/2000 on substances that deplete the ozone layer
- 12.7 Additional information** The ecotoxicological data refer to the undiluted 100 % polyether modified trisiloxane. The product is not considered to be a water pollutant.

13: DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods:** Must be disposed of or incinerated in accordance with local regulations
The UK Environmental Protection (Duty of Care) Regulations (EP) and amendments should be noted.

14: TRANSPORT INFORMATION

Not classified as dangerous

15: REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**
The data should be considered when making any assessment under the Control of Substances Hazardous to Health Regulations (COSHH), and related guidance, for example COSHH Essentials.
- 15.2 Chemical safety assessment:** none

16: OTHER INFORMATION



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Modifications related to the previous safety data sheet:**R-phrases and H-phrases**

CLP datasheet –all sections updated.

H290: May be corrosive to metals.

H312: Harmful in contact with skin.

H314: Causes severe burns and eye damage.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H411: Toxic to aquatic life with long lasting effects.

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy.

This information cannot be considered a guarantee of the properties of the product, it is simply a description of the safety requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.