

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

1.1 Product Identifier: SUPATURF READY TO USE

1.2 Relevant uses of the substance or mixture and uses advised against:
Turf line marking paint

1.3 Manufacturer/Distributor: Vitax Limited
Owen Street, Coalville LE67 3DE
Tel: +44 (0)1530 510060 Email: info@vitax.co.uk

1.4 Emergency Contact: Tel: +44 (0)1530 510060 (Office Hours)

2. HAZARDS IDENTIFICATION

2.1 Classification: Classification according to Regulation (EC) No 1272/2008 (EU-GHS/CLP)

Physical hazards not classified

Health hazards not classified

Environmental hazards not classified

2.2 Label Elements:

Signal word: none

Hazard statements: none

Precautionary Statements none

Supplementary information EUH210: Safety data sheet available on request.
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: n/a

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical Name	CAS-No./ EINECS-No.	Annex Index or REACH number	Symbol(s) and Phrases	Concentration [%]
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] CIT/MIT mixture (3:1)	CAS: 55965-84-9 EINECS: 611-341-5	Index number: 613-167-00-5 Reg.nr.: 01-2120764691-48	Acute Tox. 3, H301; Acute Tox. 2, H310; H330 Skin Corr. 1C, H314; Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100) Skin Sens. 1A, H317 EUH071 Specific concentration limits: Skin Corr. 1C; H314: C ≥ 0.6 % Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 % Eye Dam. 1; H318: C ≥ 0.6 % Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 % Skin Sens. 1; H317: C ≥ 0.0015 %	>0.00015% C < 0.0015%
Bronopol	CAS: 52-51-7 EINECS: 200-143-0	Index number: 603-085-00-8 Reg.nr.: 01-2119980938-15	Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1) Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Irrit. 2, H315; STOT SE 3, H335	>0.01% C < 0.1%

4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation Remove victim immediately from source of exposure. Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. Get medical attention if any discomfort continues.

Ingestion Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

Eye contact Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

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

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Not available

4.3 Indication of immediate medical attention and special treatment needed:
Not available.

5. FIRE FIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media Extinguish with foam, carbon dioxide, dry powder or water fog.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products None under normal conditions.

Unusual Fire & Explosion Hazards Not known.

5.3. Advice for firefighters

Special Fire Fighting Procedures Avoid breathing fire vapours.

Protective equipment for fire-fighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Do not discharge onto the ground or into water courses.

6.3. Methods and material for containment and cleaning up

Soak up spillage using sand or inert absorbent and collect spillage with shovel, and transfer to suitable marked container for disposal. Dispose of large amounts of spillage/waste according to agreement with local authorities.

6.4. Reference to other sections

None

7. HANDLING & STORAGE

7.1. Precautions for safe handling

Avoid inhalation of dust and contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place.

Keep separate from food, feedstuffs, fertilisers and other sensitive material.

Miscellaneous hazardous material storage.

Storage Class

7.3. Specific end use(s)

Usage Description

Line marking paint.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1 Control parameters:

Chemical Name	CAS-No./ EINECS-No.	WEL Workplace exposure limit	Concentration [%]
1,2-Propylene glycol	57-56-6	Long-term value 474 mg/m ³ , 150ppm total vapour and particulates 10mg/m ³ particulates	<1% C >0.1%

8.2 Exposure Controls:

Protective equipment

No specific protective clothing requirement

Engineering measures

Provide adequate general and local exhaust ventilation.

Respiratory equipment

If ventilation is insufficient, suitable respiratory protection must be provided.

Hand protection

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

Eye protection

No specific protective clothing requirement.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance Liquid
Colour White
Odour Slight odour.
Solubility Miscible with water.
Specific gravity 1.04 @ 20 deg C

9.2 Other information:

None.

10. STABILITY & REACTIVITY

- 10.1. Reactivity** Not known
10.2. Chemical stability Stable under normal temperature conditions and recommended use.
10.3. Possibility of hazardous reactions Not known.
10.4. Conditions to avoid Not relevant
10.5. Incompatible materials
Materials To Avoid No incompatible groups noted.
10.6. Hazardous decomposition products Not known.

11. TOXICOLOGICAL INFORMATION

- 11.1. Information on toxicological effects**
Toxicological information Oral ATE mix >2000mg/kg (calculated)
 Dermal ATE mix > 5000mg/kg (calculated)
Inhalation Not a primary route of exposure.
Ingestion May cause discomfort if swallowed.
Skin contact Contains 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one mixture (3:1). May produce an allergic reaction.
Eye contact May cause temporary eye irritation.
- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
 - **Serious eye damage/irritation:** Based on available data, the classification criteria are not met.
 - **Sensitisation:** Contains 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one mixture (3:1). May produce an allergic reaction.
 - **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
 - **Carcinogenicity:** Based on available data, the classification criteria are not met.
 - **Reproductive toxicity:** Based on available data, the classification criteria are not met.
 - **STOT-single exposure:** Based on available data, the classification criteria are not met.
 - **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
 - **Aspiration hazard:** Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

- 12.1 Acute Fish Toxicity** Based on calculation: the product is not considered harmful to aquatic life.
12.2. Persistence and degradability Not known
12.3. Bioaccumulative potential No data available on bioaccumulation.
12.4. Mobility in soil No data
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 Not known.

13. DISPOSAL CONSIDERATIONS

- 13.1. Waste treatment methods** Dispose of in accordance with local authority regulations or through a reputable waste disposal contractor. Please recycle rinsed empty packaging where facilities exist.

14. TRANSPORT INFORMATION

- General** This product is not classified as hazardous for transportation.
14.1 UN-Number
ADR, IMDG, IATA : Not applicable.
14.2 UN proper shipping name
ADR, IMDG, IATA: Not applicable.
14.3 Transport hazard class(es)
ADR, IMDG, IATA Not applicable.
14.4 Packaging Group
ADR, IMDG, IATA: Not applicable.
14.5 Environmental hazards: Not a marine pollutant.
14.6 Special precautions for user None
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.

15. REGULATORY INFORMATION

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15.1 Safety, health and environmental regulations/legislation specific to this substance:

This substance is classified and labelled in accordance with Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2 Chemical Safety Assessment

Not undertaken for this material

16. OTHER INFORMATION

Reason for revision

Replaces version dated November 2015. Sections 2, 3, 11, 12 and 16 updated.

General information

The information contained in this Safety Data Sheet is believed to be true and correct, as of the issue date. The accuracy and completeness of this information and any recommendations, or suggestions are made without warranty or guarantee. Since the conditions of use are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe use for this product.

Hazard Statements In Full

H301 Toxic if swallowed.
H302 Harmful if swallowed.
H310 Fatal in contact with skin.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H330 Fatal if inhaled.
H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
EUH071 Corrosive to the respiratory tract.

Wording of the hazard classes

Met. Corr.1: Corrosive to metals – Category 1
Acute Tox. 3: Acute toxicity – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Acute Tox. 2: Acute toxicity – Category 2
Skin Corr. 1C: Skin corrosion/irritation – Category 1C
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1A: Skin sensitisation – Category 1A
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1