

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING**1.1 Product Identifier:** SUMMERCLOUD GREENHOUSE SHADING**1.2 Relevant uses of the substance or mixture and uses advised against:**

Line marking paint

1.3 Manufacturer/Distributor:

Vitax Limited

Owen Street

Coalville

LE67 3DE

Tel: 01530 510060 Fax: 01530 510299 Email: info@vitax.co.uk

1.4 Emergency Contact:

Tel: 01530 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** 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 [%]
CIT/MIT mixture (3:1)	55965-84-9 611-341-5	613-167-00-5	Acute Tox 3, H301 H311 H331 Corr Skin 1B, H314 Skin Sens 1A, H317 Aq Acute H400 Aq Chronic 1, H410	>0.00015% C < 0.0015%

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

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

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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

Collect spillage with shovel, broom or the like and reuse, if possible. 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	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%

WEL = Workplace Exposure Limit

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 1.34 @ 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)



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Inhalation	Dermal ATE mix > 2000mg/kg (calculated)
Ingestion	Not a primary route of exposure.
Skin contact	May cause discomfort if swallowed.
	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.

12. ECOLOGICAL INFORMATION

12.1 Acute Fish Toxicity	Evaluation: 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	no data
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.
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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	
Class:	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

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:	Risks recalculated to ensure data is up to date. MSDS re-formatted in-line with regulation 453/2010 all sections affected.
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. H311: Toxic in contact with skin. H314: Causes severe skin burns and eye damage. H317: May cause an allergic skin reaction. H318: Causes serious eye damage.

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Wording of the hazard classes

H331: Toxic if inhaled.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
Skin Irrit.: Skin irritation
Eye Irrit.: Serious eye irritation
STOT SE: Specific target organ toxicity - single exposure
Flam. Liq.: Flammable liquid
Acute Tox.: Acute toxicity
Skin Corr.: Skin corrosion
Eye Dam.: Serious eye damage
Skin Sens.: Skin sensitization
Aquatic Acute: Hazardous to the aquatic environment