

SAFETY DATA SHEET: COOLGLASS.

1 IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND COMPANY:

PRODUCT: COOLGLASS

An aqueous suspension of titanium dioxide for use as glasshouse shading.

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2 COMPOSITION /INFORMATION ON INGREDIENTS

Substance	Concentration	Cas. No.	EC No.	Phrases
Titanium dioxide	> 50 %w/w	13463-67-7	236-675-5	Not applicable
Inert ingredients	10 %w/w			
Water	balance			

3 HAZARDS IDENTIFICATION:

Non hazardous.

4 FIRST AID MEASURES:

Inhalation: Unlikely under normal circumstances.

Eye contact: Immediately flush with water holding eyelids open. Continue for 15 minutes or longer until clean. If irritation develops convey to an Accident/Emergency department of hospital.

Guide to doctor: Ingestion of large quantities may cause nausea, diarrhoea and vomiting. Initial treatment should include gastric lavage and then be symptomatic and supportive..

Skin contact: Wash affected area with soap and copious water. Remove contaminated clothing. Seek medical advice if irritation develops.

Ingestion: Do not induce vomiting. Do not give emetics. If symptoms evident convey to an Accident/Emergency Department of hospital.

5 FIRE FIGHTING MEASURES:

Extinguishing media: Water jet, spray, CO₂, foam, dry powder.

Special hazards: None.

Protective equipment: Wear breathing apparatus.

6 ACCIDENTAL RELEASE MEASURES:

Prevent from entering drains and watercourses.

Containment: Contain spillage with sufficient absorbent material to absorb all liquid. Sweep into suitable container and store in a safe place until disposal.

Protective equipment: Overalls, impervious gloves, rubber boots, face shield or goggles.

7 HANDLING AND STORAGE:

Handling: No specific hazard.

Storage: Store in a secure, cool, dry, well-ventilated place away from food, drink and animal feeding stuffs.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

UK Occupational exposure standard:

OEL for titanium dioxide:

LT_{EL}: 10 mg/m³ (total inhalable dust).

LT_{EL}: 4 mg/m³ (respirable dust).

Precautions: Wash hands and exposed skin after use.

Keep away from children, fish and pets.

Keep in original container, tightly closed, in a safe place.

Empty container completely and dispose of safely.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Viscous white liquid.

Odour: Faint, sweetish.

Explosivity: Non-explosive.

Flash point: Non-flammable.

Combustibility: Non-combustible.

Vapour pressure: Not known.

Upper flammability limit in air: N/A.

Boiling point: N/A.

Density (water=1): 1.8

Solubility in water: Miscible.

Viscosity: > 50 secs. Measured on BS flow cup No. 4.

Melting point: N/A.

Lower flammability limit in air: N/A.


10. STABILITY AND REACTIVITY:

Stability: Stable under normal conditions.

Conditions to avoid: Extreme temperatures.

Materials to avoid: None specific.

Hazardous decomposition products: None.

11. TOXICOLOGICAL INFORMATION:	
Acute toxicity: Considered to be practically non toxic. Irritancy, skin: Non irritant. Irritancy, eye: Non irritant.	Irritancy, respiratory system: Non irritant. Skin sensitization: Non sensitising. Chronic effects: None known.
12. ECOLOGICAL INFORMATION:	
Mobility: Miscible with water. Persistence and degradability: Moderately persistent.	Bioaccumulation potential: None known. Ecotoxicity: Not ecotoxic.
13. DISPOSAL CONSIDERATIONS:	
Dispose of via Local Waste Authority or licensed waste disposal contractor.	
14. TRANSPORT INFORMATION	
UN No: Not applicable. Packing group: Not applicable.	SEA: IMDG Class: Not classified. Proper shipping name: Not applicable.
ROAD/RAIL: ADR/RID Class: Not classified. Proper shipping name: Not applicable.	AIR: ICAO/IATA Class: Not classified. Proper shipping name: Not applicable.
15. REGULATORY INFORMATION:	
The data given is based on current knowledge and experience. This Safety Sheet describes the product in terms of safety requirements and does not signify and warranty with regard to the product properties. Symbol: None applicable. Risk phrases: Not applicable. Safety phrases: Not applicable.	
16. FURTHER INFORMATION	
Version 2.1. Replaces Summit Agro Europe Revision No 02 dated 4 th August 2005 with changes in section 1.	
The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification, since the conditions of the operations mentioned are beyond our control. The 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 process unless specified in the text. The manufacturer disclaims any liability for loss or damage resulting from the use of these data, information or suggestions.  is a registered trade mark of Fargro Ltd. © 2009 Copying of this information is permitted but it remains the copyright of Fargro Ltd and its suppliers.	