



Issued: 26/05/2010

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

Product name: CLEANMAX

Product code: 3244

Company name: Aitkens Sportsturf Ltd & Richard Aitken (Seedsman) Ltd

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2. HAZARDS IDENTIFICATION

Classification under CHIP: Irritating to eyes, respiratory system and skin. Very toxic to aquatic organisms.

Workplace exposure limit: This substance does not have a workplace exposure limit.

PBT: This substance is not identified as a PBT substance.

Directive 1999/45/EC: This mixture meets the criteria for classification as dangerous in accordance with Directive 1999/45/EC.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: UREA HYDROCHLORIDE 30-50%

EINECS: 208-059-6 CAS: 5806-89-8

[Xi] R36/37/38

• ALKYL(C12 - C14), DIMETHYL, BENZYLAMMONIUM CHLORIDE 1-10%

EINECS: 287-089-1 CAS: 85409-22-9

[Xn] R22; [C] R34; [N] R50

• ALCOHOL ETHOXYLATE 6 <1%

CAS: 68439-45-2

[Xn] R22; [Xi] R41

4. FIRST AID MEASURES

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Exposure hazards: In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Pale yellow

Odour: Barely perceptible odour

Evaporation rate: Negligible

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Miscible in all proportions

Viscosity: Non-viscous

Relative density: 1.150 - 1.170

pH: <2.0

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat.

Materials to avoid: Strong oxidising agents. Bases. Metals.

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Acute effects: Irritating to eyes, respiratory system and skin.

11. TOXICOLOGICAL INFORMATION (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

12. ECOLOGICAL INFORMATION

Mobility: Readily absorbed into soil.

Persistence and degradability: Not biodegradable.

Bioaccumulative potential: Bioaccumulation potential.

Other adverse effects: Very toxic to aquatic organisms. Very toxic to soil organisms. Very toxic to flora. Very toxic to fauna.

PBT identification: This substance is not identified as a PBT substance.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

UN no: 3082 **ADR Class:** 9

Packing group: III **Classification code:** M6

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ALKYL(C12 - C14), DIMETHYL, BENZYLAMMONIUM CHLORIDE)

Labelling: 9+EHS **Hazard ID no:** 90



IMDG / IMO

UN no: 3082 **Class:** 9

Packing group: III **EmS:** F-A,S-F

Marine pollutant: . **Labelling:** 9+EHS

IATA / ICAO

UN no: 3082 **Class:** 9

Packing group: III **Packing instructions:** 914

Labelling: 9+EHS

15. REGULATORY INFORMATION (CHIP)

Hazard symbols: Irritant.

Dangerous for the environment.



Risk phrases: R36/37/38: Irritating to eyes, respiratory system and skin.

R50: Very toxic to aquatic organisms.

Safety phrases: S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

S60: This material and its container must be disposed of as hazardous waste.

Precautionary phrases: Use biocides safely. Always read the label and product information before use.

Haz. ingredients (label): UREA HYDROCHLORIDE; ALKYL(C12 - C14), DIMETHYL, BENZYLAMMONIUM CHLORIDE

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

* indicates text in the SDS which has changed since the last revision.

Risk phrases used in s.3: R36/37/38: Irritating to eyes, respiratory system and skin.

R22: Harmful if swallowed.

R34: Causes burns.

R50: Very toxic to aquatic organisms.

R41: Risk of serious damage to eyes.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above