



Material Safety Data Sheet (MSDS) – Smartseal Fungicidal Wash

Issued: 3/8/09

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

Product name: Fungicidal Wash

Company name: Smartseal UK Ltd, 14a Annwood Lodge Business Park, Rayleigh, Essex SS6 7UA

Tel: 01268 722500

Email: info:smartseal.co.uk

2. HAZARDS IDENTIFICATION

Main hazards: Irritating to eyes and skin.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: COCO ALKYL DIMETHYLBENZYL AMMONIUM CHLORIDE 1-10%

EINECS: 263-080-8 CAS: 61789-71-7

[Xn] R21/22; [C] R34; [N] R50

4. FIRST AID MEASURES (SYMPTOMS)

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

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

There may be severe pain. The vision may become blurred.

May cause permanent damage.

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

Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

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4. FIRST AID MEASURES (ACTION)

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.

Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water. Do not induce vomiting.

If conscious, give half a litre of water to drink immediately. Consult a doctor.

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

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: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. 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. Avoid the formation or spread of mists in the air.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure there is sufficient ventilation of the area.

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

Hand protection: Protective gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Colourless

Odour: Barely perceptible odour

Evaporation rate: Negligible

Solubility in water: Miscible in all proportions

Viscosity: Non-viscous

Relative density: 0.99

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat.

Materials to avoid: Strong oxidising agents. Strong acids.

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

11. TOXICOLOGICAL INFORMATION

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Mobility: Readily absorbed into soil.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Other adverse effects: Toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

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: Not Classified.

IMDG / IMO

UN no: Not Classified.

IATA / ICAO

UN no: Not Classified.

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15. REGULATORY INFORMATION

Hazard symbols: Irritant.



Risk phrases: R36/38: Irritating to eyes and skin.

Safety phrases: FOR USE ONLY AS A SURFACE BIOCIDES.

S2: Keep out of the reach of children.

S13: Keep away from food, drink and animal feeding stuffs.

S25: Avoid contact with 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.

S46: If swallowed, seek medical advice immediately and show this container or label.

Contains 2-phenyl phenol 0.25%w/w (2.5g/l) and Benzalkonium chloride 0.99%w/w (9.9g/l)

This product is approved under the control of pesticides regulations 1986 for use as directed.

WASH SPLASHES from skin and hands immediately

WASH HANDS AND EXPOSED SKIN before meals and after use.

KEEP IN ORIGINAL CONTAINER, tightly closed in a safe place.

FOR USE ONLY AS A SURFACE BIOCIDES.

APPLY 1 LITRE OF PRODUCT PER 5-10-SQUARE METERS OF SURFACE DEPENDING ON POROSITY OF THE SUBSTRATE.

WEAR SUITABLE PROTECTIVE CLOTHING, COVERALLS, AND SYNTHETIC RUBBER/PVC GLOVES when using.

DO NOT BREATHE SPRAY MIST. Otherwise wear respiratory protective equipment and eye protection.

DO NOT CONTAMINATE FOODSTUFFS, EATING UTENSILS OR FOOD CONTACT SURFACES.

COVER WATER STORAGE TANKS before application.

Precautionary phrases:

DANGEROUS TO FISH AND OTHER AQUATIC LIFE

REMOVE OR COVER FISH TANKS AND BOWLS before application.

AVOID ALL CONTACT WITH PLANT LIFE

DO NOT CONTAMINATE watercourses.

READ ALL PRECAUTIONS BEFORE USE.HSE 7183

WASH SPLASHES from skin and hands immediately

WASH HANDS AND EXPOSED SKIN before meals and after use.

KEEP IN ORIGINAL CONTAINER, tightly closed in a safe place.

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.

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16. OTHER INFORMATION

Risk phrases used in s.3: R21/22: Harmful in contact with skin and if swallowed.

R34: Causes burns.

R50: Very toxic to aquatic organisms.

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 product.