

MATERIAL SAFETY DATA SHEET

Date of issue : 05.06.2006

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Product Detail :

Trade name : SURFASEPT

Indication : For Surface Disinfection.

Marketed By-

UPS HYGIENES PVT.LTD.

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HAZARDOUS INFORMATION-

Harmful in contact with skin and if swallowed.

Causes burns. Corrosive to skin and eyes.

Repeated or prolonged contact with skin may cause allergic reactions in sensitive individuals.

PHYSICAL DATA-

Description : Red coloured liquid with pleasant smell.

Contains : Benzalkonium chloride 5 % w/v.

30-60 139-07-1 205-351-5 C;R34 Xn;R21/22 N;R50

Melting Point : Not determined.

Boiling point : Not determined.

Flash point : Not applicable.

Self inflammability : product is not self igniting.

Danger Of Explosion : product is not explosive.

Miscibility with water : fully miscible.

HAZARDOUS INGREDIENT-

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

FIRST AID INFORMATION-

Inhalation- Move into fresh air & keep at rest.

Skin contact: Remove contaminated clothes and rinse skin thoroughly with water. In case of eczema or other skin disorders: Seek medical attention and bring these instructions.

Eye contact: Immediately flush with plenty of water. Remove any contact lenses and open eyes wide apart.

Ingestion: Immediately rinse mouth and drink plenty of water. Call an ambulance. Bring along these instructions. Do not induce vomiting.

PERSONAL PROTECTION

Ensure adequate ventilation.

Hygiene measures- wash hands after contact.

ENVIRONMENTAL PROTECTION-

General Information:

Use proper personal protective equipment .

Spills/Leaks:

Absorb spills with absorbent (vermiculite, sand, fuller's earth) and place in plastic bags for later disposal. Keep out of sewers.

HANDLING & STORAGE-

Safe handling advice: Observe good chemical hygiene practices. Avoid inhalation of spray mists and contact with skin and eyes. Immediately change drenched clothing.

Technical measures: Keep the workplace clean.

Technical precautions: Provide easy access to water supply and eye wash facilities.

Technical measures for safe storage:

No special precautions.

Storage conditions: Store in closed original container. Do not store near heat sources or expose to excessive temperatures.

STABILITY & REACTIVITY –

Stability: Stable under normal temperature conditions.

Conditions/materials to avoid: Heating. Strong oxidising substances.

Hazardous decomposition products:

If heated to more than 150°C, the following substance(s) will be released: Benzyl chloride and Methyl chloride.

TOXICOLOGICAL INFORMATION-

Skin contact: Harmful in contact with skin. Causes burns. Repeated or prolonged contact with skin may cause allergic reactions in sensitive individuals.

Eye contact: Corrosive. Immediate first aid is necessary. Risk of serious damage to eyes.

Ingestion: Harmful if swallowed. Causes burns. Burning pain. Increased flow of saliva (froth at the mouth) and vomiting, sometimes with bloody vomit. Restlessness, confusion and weakness, laboured breathing, bluish colouring of skin and mucous membranes, shock and unconsciousness.

Specific effects: May cause sensitisation.

ECOLOGICAL INFORMATION –

Mobility: The product is water soluble and may spread in water systems.

Degradability: BKC 50% < 20ppm: The product is expected to be biodegradable.

Ecotoxicity: Very toxic to aquatic organisms.

Benzalkonium chloride (0,01 < LC50 ≤ 0,1 mg/l):

LC50 (Danio rerio, 96 hours): 0,31 mg/l

EC50 (Daphnia magna, 48 hours): 0,02 mg/l

IC50 (Pseudokirchneriella subcapitata, 72 hours): 0,07 mg/l

Bioaccumulative

potential:

Bioaccumulation: Is not expected to be bioaccumulable.

Other adverse effects: None known.

Disposal Considerations

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Transport Information

To be handled locally.

Class:

MP:

CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
(Benzalkonium chloride)

Yes

III

III

UN-number:

Sea (IMDG):

Inland waterways:

Land (RID/ADR):

Air (ICAO/IATA):

Class:

Packing group: III

Primary risk label: 8

Subsidiary risk label: -

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising.