

MATERIAL SAFETY DATA SHEET

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This MSDS has been prepared by PSK Pharma Pvt. Ltd., Quality Assurance Dept.

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME

HOSPAL-H (J1)

Surface Disinfectant Cleaner

(Benzalkonium Chloride Disinfectant Solution 2.25% w/v)

COMPANY

PSK Pharma Private Limited

121/22, Mahajenahalli, Post Box No. 21

Shimoga Road, Harihar – 577 601

Karnataka, India

Tel: +91 8192 24 0317, +91 8192 24 0318

E-mail: weprotect@pskpharma.com

Website: www.pskpharma.com

RECOMMENDED USE: Floor & Surface Disinfectant Cleaner

2. COMPOSITION

Ingredient Name	CAS Number	Percent by Weight
Benzalkonium Chloride	8001-54-5	1 - 5
Nonionic Surfactant	Trade Secret	1 - 5
Fragrance	Mixture	1 - 5
Water	7732-18-5	85 - 95

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3. HAZARDS IDENTIFICATION

3.1. Classification of the substance / mixture:

- Serious Eye Damage/Irritation: Category 2B.
- Skin Corrosion/Irritation: Category 3.
- Acute Aquatic Toxicity: Category 1.
- Chronic Aquatic Toxicity: Category 2.

HAZARD STATEMENTS:

- H320 Causes eye irritation.
- H316 Causes mild skin irritation.
- H400 Very toxic to aquatic life.
- H411 Toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

General:

P102 Keep out of reach of children.

P101 If medical advice is needed, have product container or label at hand.

Prevention:

P273 Avoid release to the environment.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

Disposal:

P501 Dispose of contents/container in accordance with applicable regulations.

2.3. Other hazard

Pictograms:



4. FIRST AID MEASURES

4.1. Description of first aid measures:

- **Inhalation:** Remove person to fresh air. If you feel unwell, get medical attention.
- **Skin contact:** Wash with soap and water. If signs/symptoms develop, get medical attention.
- **Eye contact:** Flush with large amounts of water. If signs/symptoms persist, get medical attention.
- **If swallowed:** Rinse mouth. If you feel unwell, get medical attention

4.2. Most important symptoms and effects, both acute and delayed:

See Section 11.1 Information on toxicological effects

4.3. Indication of any immediate medical attention and special treatment required:

Not applicable.

5. FIRE FIGHTING MEASURES

5.1. Suitable Extinguishing media:

Material will not burn.

5.2. Special hazards arising from the substance or mixture:

None inherent in this product.

5.3. Special protective actions for fire-fighters:

No special protective actions for fire-fighters are anticipated

6. ACCIDENTAL RELEASE MEASURES (SPILL)

6.1. Personal precautions, protective equipment and emergency procedures:

Evacuate area. Ventilate the area with fresh air. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions:

Avoid release to the environment. For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment & cleaning up:

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Please note that adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with water. Seal the container. Dispose of collected material as soon as possible in accordance with applicable regulations.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling:

Avoid eye contact. Keep out of reach of children. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.)

7.2. Conditions for safe storage including any incompatibilities:

Store away from heat. Store below 25 deg.C. Store away from acids. Store away from strong bases. Store away from oxidizing agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limits: No occupational exposure limit values exist for any of the components listed in Section 2 of this Material Safety Data Sheet.

8.2. Exposure controls:

8.2.1. Engineering controls: Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant exposure limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

8.2.2. Personal protective equipment (PPE):

- **Eye/face protection:** Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:
 - Safety glasses with side shields.
 - Indirect vented goggles
- **Skin/hand protection:** Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Gloves made from the following material(s) are recommended: Nitrile rubber
- **Respiratory protection:** None required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour	Orange coloured, clear solution with pleasant fragrance.
pH	5.0 – 7.0
Boiling point	100° C
Melting point	Not determined
Water Solubility	Complete
Specific gravity	1.00-1.01
Flash point	Not determined
Autoignition temperature	Not determined
Evaporation rate	Not determined

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10 STABILITY AND REACTIVITY

10.1 Reactivity: This material may be reactive with certain agents under certain conditions - see the remaining headings in this section

10.2 Chemical stability: Stable

10.3 Possibility of hazardous reactions: Hazardous polymerization will not occur.

10.4 Conditions to avoid:

- Heat
- Light

10.5 Incompatible materials:

- Strong acids.
- Strong bases.
- Strong oxidizing agents.

10.6 Hazardous decomposition products:

<u>Substance</u>	<u>Condition</u>
Carbon monoxide.	Not specified.
Carbon dioxide.	Not specified.

11. TOXICOLOGICAL INFORMATION

Effects from Eye Contact

May cause mild eye irritation. Signs/symptoms can include redness, swelling, pain and watering of eyes.

Effects from Skin Contact

Allergic Skin Reaction: Signs/symptoms can include redness, swelling, blistering and itching.

Effects from Inhalation

None.

Effects from Ingestion

May be absorbed following ingestion and cause target organ effects.

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Other Toxicological Information

Contains Benzalkonium Chloride Solution. If ingested can cause:

Signs/symptoms may include headache, dizziness, drowsiness, loss of coordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

12. ECOLOGICAL INFORMATION

Acute aquatic hazard:

GHS Acute 1: Very toxic to aquatic life.

Chronic aquatic hazard:

GHS Chronic 2: Toxic to aquatic life with long lasting effects.

No product test data available

13. DISPOSAL CONSIDERATIONS

Dispose of contents/ container in accordance with the local/regional/national/international regulations. Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

14. TRANSPORT INFORMATION

Not hazardous for transportation.

Air Transport (IATA) Regulations:

UN No: Not applicable

Proper Shipping Name: Not applicable

Hazard Class / Division: Not applicable

Subsidiary Risk: Not applicable

Packing Group: Not applicable

Marine Transport (IMDG):

UN No: Not applicable

Proper Shipping Name: Not applicable

Hazard Class / Division: Not applicable

Subsidiary Risk: Not applicable

Packing Group: Not applicable

Environmental Hazards: Not applicable

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Applicable Environmental, Health and Safety Regulations

The Manufacture, Storage and Import of Hazardous Chemical Rules, 1989

Hazardous Waste(Management , Handling & Transboundary) Rules, 2008

The following ingredients are listed as hazardous on Part II of Schedule I of the India Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) rules

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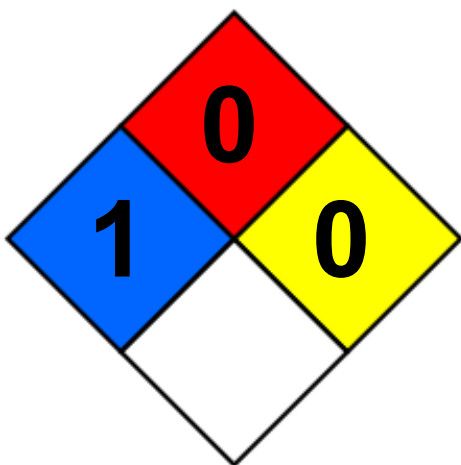
None.

The following ingredients are classified as hazardous based on the criteria listed under Part I of Schedule I of the India Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) rules: The product is classified as Non-Hazardous as per MSIHC Rules, 1989.

16. OTHER INFORMATION

NFPA Hazard Classification

Health: 1 Flammability: 0 Instability: 0 Special Hazards: None



The information on this data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet, which involves using the product, or otherwise that in accordance with instructions of use on product packaging is the responsibility of the user. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact the Customer Care at +91 96060 69014.

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