

MATERIAL SAFETY DATA SHEET

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This MSDS has been prepared by PSK Pharma Quality Control Dept.

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME
FUMISPRAY-RAPID
2-Propanol & Benzalkonium Chloride Solution

COMPANY
PSK Pharma Private Limited
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RECOMMENDED USE: Disinfectant for Sensitive Electronic Equipment

2. COMPOSITION

Ingredient Name	CAS number	Percentage (w/w)
Isopropanol IP	67-63-0	63.0-69.3
Benzalkonium Chloride Solution IP	8001-54-5	0.0250-0.0275
Purified water	7732-18-5	31-36

3. HAZARDS IDENTIFICATION

NOTE: DANGEROUS GOODS. NON-HAZARDOUS SUBSTANCE.

POISONS SCHEDULE NONE ALLOCATED

Contact with eyes: Irritating to eyes (R36)
Inhalation: Irritating to respiratory system (R37)
Ingestion: Harmful if swallowed (R22)

4. FIRST AID MEASURES

EYE CONTACT

Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

SKIN CONTACT

Not applicable

INHALATION

Remove person to fresh air. If signs/symptoms develop, get medical attention.

IF SWALLOWED

Do not induce vomiting unless instructed to do so by medical personnel. Give person two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA

Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

EXPOSURE HAZARDS DURING FIRE

Closed containers exposed to heat from fire may build pressure and explode.

FIRE FIGHTING PROCEDURES

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective equipment (Turnout Gear) and a self-contained breathing apparatus (SCBA).

Combustion Products from Fire

Combustion Products from Fire are listed in Section 10, STABILITY AND REACTIVITY.

HAZCHEM CODE 2[Y]E

6. ACCIDENTAL RELEASE MEASURES (SPILL)

Personal Precautions

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

Spill Response

For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water. 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. Seal the container. The spill should be cleaned by qualified personnel.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Keep container tightly closed when not in use.

Conditions for Safe Storage

Keep container closed when not in use. Store below 25°C.

Incompatibility - Materials to Avoid

Store away from acids. Store out of direct sunlight. Store away from heat. Store away from oxidizing agents.

EXPLOSION AVOIDANCE

Flammable liquid and vapour. Keep away from heat, sparks, open flame, pilot lights and other sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Special Information, Exposure/Protection

The extent to which the following recommendations for exposure control and protection are observed should depend on the risk assessment undertaken for the specific conditions under which this product is used, including occupational hygiene measurements.

Recommended Ventilation

Use in a well-ventilated area.

Eye Protection

Avoid eye contact with vapour, spray, or mist.

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Hand Protection
Not applicable.

Respiratory Protection
Avoid breathing vapours, mists or spray.

Prevention of Accidental Ingestion
Do not ingest. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour	Maroon coloured clear solution.
pH	7.5 – 8.5
Boiling point	80°C
Melting point	Not determined
Water Solubility	Complete
Specific gravity	0.860-0.870
Flash point	Not determined
Autoignition temperature	Not determined
Evaporation rate	Not determined

10 STABILITY AND REACTIVITY

Stability
Stable. Hazardous polymerisation will not occur.

Conditions to Avoid
Exposure to direct sunlight and heat

Materials to Avoid
Strong acids. Strong Oxidising Agents. Strong alkalis.

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

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. May be absorbed following inhalation and cause target organ effects.

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 diarrhoea.

Other Toxicological Information

Contains chemicals (2-Propanol and Benzalkonium Chloride) that if ingested or inhaled can cause:

Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, uncoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

12. ECOLOGICAL INFORMATION

Ecotoxicity Data

Not determined

Environmental Data

Not determined

Ecofate Data

Not determined.

13. DISPOSAL CONSIDERATIONS

Disposal methods

Incinerate in a permitted hazardous waste incinerator. As a disposal alternative, dispose of waste product in a permitted hazardous waste facility.

14. TRANSPORT INFORMATION

Not classified as hazardous under transport regulations

15. REGULATORY INFORMATION

NIL

16. OTHER INFORMATION

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 Quality Control Incharge at 91 8192 240 317.