

SAFETY DATA SHEET (SDS)

Section 1. Identification

Product identifier; POINT RUBBING

ALCOHOL

Other means of identification; None

Recommended use and restrictions on use; Antiseptic (containing 30-40 % of water)

Initial supplier identifier; POINTPHARMA INC.4840A rue samson laval,Quebec,Canada

Section 2. Hazard identification

Classification of hazardous product (name of the category or subcategory of the hazard class)

Flammable liquid (Category 2)

Skin irritation (Category 3)

Eye irritation (Category 2A)

Specific target organ toxicity – single exposure (Category 3), Central nervous system

Information elements (symbols, signal words, hazard statements and precautionary statements of the category/subcategory)



Danger

H225 Highly flammable liquid and vapour.

H316 Causes mild skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P240 Ground and bond container and receiving equipment. P241 Use explosion-proof equipment. P242

Use non-sparking tools. P243 Take action to prevent static discharges. P261 Avoid breathing

dust/fume/gas/mist/vapors/spray. P271 Use only in a well-ventilated area. P304 + P340 IF INHALED:

Remove person to fresh air and keep comfortable for breathing. P312 Call a doctor if you feel unwell.

P305 + P351 + P338 IF IN EYES, Rinse cautiously with water for several minutes. Remove contact lenses,

if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical attention.

P370 + P378 In case of fire: Use carbon dioxide, chemical powder agent and appropriate foam to

extinguish. P403 + P233 + P235 Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Section 3. Composition/information on ingredients

Chemical name (common name/synonyms); Isopropanol

Concentration (%) 60-70 %

Section 4. First-aid measures

Inhalation IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.

Ingestion IF SWALLOWED: Immediately call a doctor. DO NOT INDUCE VOMITING. NEVER give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Rinse mouth thoroughly with water. Have victim drink two glasses of water. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration.

Skin contact None

Eye contact IF IN EYES, Rinse cautiously with water for several minutes (15-20). Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Most important symptoms and effects (acute or delayed) May be harmful if swallowed and enters airways.

Indication of immediate medical attention/special treatment In all cases, call a doctor.

Section 5. Fire-fighting measures

Specific hazards of the hazardous product (hazardous combustion products) Carbon oxides and other irritant/toxic gases and fumes.

Suitable and unsuitable extinguishing media In case of fire: Use carbon dioxide, chemical powder agent and appropriate foam to extinguish.

Special protective equipment and precautions for fire-fighters During a fire, irritating/toxic smoke and fumes may be generated. Do not enter fire area without proper protection. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece. Shield personnel to protect from venting, rupturing or bursting cans. Move containers from fire area if it can be done without risk. Water spray may be useful in cooling equipment and cans exposed to heat and flame.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate protective equipment (See Section 8).

Methods and materials for containment and cleaning up

Ventilate area of release. Stop the leak if it can be done safely. Contain and absorb any spilled liquid concentrate with inert absorbent material, then place material into a container for later disposal (see Section 13). Contaminated absorbent material may pose the same hazards as the spilled product. Notify the appropriate authorities as required.

Section 7. Handling and storage

Precautions for safe handling

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use non-sparking tools. Take action to prevent static discharges. Use only in a well-ventilated area. Avoid contact with eyes, skin and clothing. Keep away from heat, sparks and flame. Keep away from incompatible materials (Section 10). Keep containers closed when not in use. Refer also to Section 8.

Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store away from incompatible materials (Section 10).

Section 8. Exposure controls/Personal protection

Control parameters (biological limit values or exposure limit values and source of those values)

Exposure limits: CAS 67-63-0 – ACGIH – TLV-TWA 200 ppm & TLV-STEL 400 ppm & PEL-TWA 400 ppm.

Appropriate engineering controls

General ventilation normally adequate. Make emergency eyewash stations available in work area.

Individual protection measures/personal protective equipment No respiratory protection is required with adequate ventilation under normal use. Practice good personal hygiene after using this material.

Section 9. Physical and chemical properties

Appearance, physical state/color Clear liquid

Odor Alcohol

Vapor density Heavier than air

Relative density 0.872-0.883

pH 5-8

Solubility Soluble

Melting/freezing point Not available

Partition coefficient - n-octanol/water Not available

Initial boiling point/range 80°C

Flash point 13°C (literature) Decomposition

Viscosity < 5 mm² /s @ 20o C

Upper and lower flammability/explosive limits 2.0 % - 12.0 %

Section 10. Stability and reactivity

Reactivity Does not react under the recommended storage and handling conditions prescribed.

Chemical stability Stable under the recommended storage and handling conditions prescribed.

Possibility of hazardous reactions Accumulation of flammable/explosive vapors.

Conditions to avoid (static discharge, shock or vibration) Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take action to prevent static discharges.

Incompatible materials Oxidizing materials; acids; etc.

Section 11. Toxicological information

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact)

May be harmful if swallowed and enters airways. Causes mild skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness.

Symptoms related to the physical, chemical and toxicological characteristics

Skin irritation, redness, stinging, pain; Eye irritation, redness, tearing; Respiratory tract irritation, coughing, shortness of breath, dizziness, drowsiness, nausea and headaches.

Delayed and immediate effects (chronic effects from short-term and long-term exposure)

Skin Sensitization – No data available; Respiratory Sensitization – No data available; Germ Cell Mutagenicity – No data available; Carcinogenicity – No ingredient listed by IARC, ACGIH, NTP or OSHA
Reproductive Toxicity – No data available; Specific Target Organ Toxicity — Single Exposure – Central nervous system; Specific Target Organ Toxicity — Repeated Exposure – No data available; Aspiration Hazard – Unlikely, but possible; Health Hazards Not Otherwise Classified – No data available.

Numerical measures of toxicity (ATE; LD50 & LC50) CAS 67-63-0 LD50 Oral - Rat - 4720 mg/kg; LC50 Inhalation - Rat - 4 h – 17000 ppm; LD50 Dermal - Rabbit - 12890 mg/kg ATE not available in this document.

Section 12. Ecological information

Ecotoxicity (aquatic and terrestrial information)

Toxicity to fish LC50 – Pimephales promelas (fathead minnow) 9640 mg/l - 96 h; Toxicity to daphnia and other aquatic invertebrates LC50 - Daphnia magna (Water flea) 5102 mg/l - 24 h; Immobilization EC50 - Daphnia magna (Water flea) - 6851 mg/l - 24 h Toxicity to algae EC50 - Desmodesmus subspicatus (green algae) - > 2000 mg/l - 72 h EC50 - Algae - > 1000 mg/l - 24 h Persistence

Bioaccumulative potential No bioaccumulation is to be expected.

Section 13. Disposal considerations

Information on safe handling for disposal/methods of disposal/contaminated packaging

Dispose of contents/container into safe container in accordance with local, regional or national regulations.

Section 14. Transport information

UN number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations

UN1219; ISOPROPANOL; CLASS 3; PG II

UN number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime)

UN1219; ISOPROPANOL; CLASS 3; PG II

UN number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air)

UN1219; ISOPROPANOL; CLASS 3; PG II

Special precautions (transport/conveyance)

May also be shipped as a LIMITED QUANTITY in accordance with TDG.

Environmental hazards (IMDG or other) None

Bulk transport (usually more than 450 L in capacity) Possible

Section 15. Regulatory information

Safety/health Canadian regulations specifics Refer to Section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR).

Environmental Canadian regulations specifics Refer to Section 3 for ingredient(s) of the DSL

Section 16. Other information

References Safety Data Sheets from manufacturer/supplier & from Canadian Centre for Occupational Health and Safety, CCOHS.



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To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.