Material Safety Data Sheet

Identity : Scopolamine-d_3 HBr

Section I

Manufacturer: BDG Synthesis, PO Box 38 627, Wellington Mail Centre, Wellington, New Zealand.
Emergency telephone number: + 64 4 569 0520.
Date Prepared : 12 March 2015

Section II- Components and Identity

Ingredient Name: Scopolamine-d_3 HBr
Explanation: Materials from this manufacturer consist of milligram to gram quantities of chemicals used in pharmaceutical analysis. They are either the pure active ingredient of pharmaceuticals, metabolites of pharmaceuticals, or stable isotope analogs of these materials.
CAS Registry No.: 114-49-8 (unlabelled trihydrate)
Percent: 100%

Section III- Hazard Identification

Not flammable. Not generally toxic, although ingestion may lead to effects similar to those caused by the specific pharmaceutical to which the material relates. May be absorbed through the skin.

Section IV- First Aid Measures

Eye Contact - Flush eyes with water for at least 5 minutes and then go to a doctor.
Ingestion - Call a doctor or poisons centre and give them the specific ingredient name on the sample container. They will tell you if you should induce vomiting or drink lots of liquid. Then go to a doctor.
Skin Contact - Wash with lots of water then go to a doctor.
Inhalation - Remove to fresh air, then go to a doctor.

Section V- Fire Fighting Measures

Flash Point: above 100 °C
Flammable limits: not applicable
Extinguishing Media: Dry chemical or carbon dioxide extinguisher.
Although presenting no special fire hazard, the material will burn, and could contribute to an existing fire.

Section VI- Accidental Release Measures

Remove all sources of ignition. Wear chemical resistant gloves and use absorbent paper to pick up all spilled material. If necessary, soak absorbent paper in an appropriate solvent such as water, alcohol or toluene to pick up remaining traces. Transfer to a suitable waste container.

Section VII- Handling and Storage

Handling: Do not inhale dust. Avoid contact with eyes, skin and clothing.
Storage: May be shipped at ambient temperature. For prolonged storage refer to the specific instructions on the sample container. Keep container closed.

Section VIII- Exposure Controls/Personal Protection

Ventilation: Use in a well ventilated area. Laboratory fume hood recommended, especially for fine powders.
Respiratory protection: a dust mask is recommended.
Eye Protection: Safety glasses with side shields.
Protective Gloves: Compatible chemical resistant gloves.
Other Protective Clothing or Equipment: lab coat.
Work/Hygienic Practices: Only experienced laboratory personnel should be allowed to handle this material.
Exposure Limits: Not known.

Section IX- Physical/Chemical Properties

Appearance and odour: odourless, white, crystalline solid
Melting Point: above 50 °C
Boiling Point: not applicable
Water Solubility: not known
pH: not known
Evaporation Rate: not known
Specific Gravity (H_2O=1): not determined
% Volatile by Volume: nil

Section X- Stability and Reactivity

Stability: stable
Conditions to avoid: heat
Incompatible materials: none
Hazardous decomposition products: oxides of carbon and nitrogen in very small quantities
Hazardous polymerisation: will not occur

Section XI- Toxicological Information

The toxicological properties have not been fully investigated, but the material is closely related to a pharmaceutical which has been approved as safe for use in humans. The quantities involved in this shipment are unlikely to have toxic effects on accidental exposure, but procedures for the safe handling of chemicals should be followed.

Section XII- Ecological information

Not determined.

Section XIII- Disposal Considerations

Waste materials should be disposed of under conditions that meet Federal, State, and Local environmental control regulations. The material should be disposed of in the general laboratory solid waste by a licensed waste disposal specialist.

Section XIV- Transportation Information

DOT- not regulated for shipping
IATA- not regulated for shipping

Section XV- Other Information

The information contained herein is believed to be accurate and is supplied in good faith. BDG Synthesis makes no warranty with respect to and assumes no legal responsibility for use of or reliance upon this information. Individuals receiving this data must exercise their own judgement in determining its suitability for a particular purpose.

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