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MATERIAL SAFETY DATA SHEET

Cetirizine Dihydrochloride

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: Cetirizine Dihydrochloride Date: 20th November 2020 Version: Discofinechem1
Company: Discovery Fine Chemicals Ltd,
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SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

CLP Classification - Regulation (EC) No 1272/2008

Health hazards: Acute oral toxicity Category 4 (H302)

Environmental hazards: Based on available data, the classification criteria are not met

2.2. Label elements



Signal Word: Warning

Hazard Statements

H302 - Harmful if swallowed

Precautionary Statements

P264 - Wash face, hands and any exposed skin thoroughly after handling

P301 + P330 + P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting

P312 - Call a POISON CENTER or doctor/ physician if you feel unwell

2.3. Other hazards: No information available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Component: Cetirizine Dihydrochloride Cas No: 83881-52-1 Percentage: <=100%

CLP Classification: Acute Tox. 4 (H302) Full text of Hazard Statements: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General Advice: If symptoms persist, call a physician.

Eye Contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

Skin Contact:

Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.

Ingestion: Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.

Inhalation: Move to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur.

Self-Protection of the First Aider: No special precautions required. 4.2. Most important symptoms and effects, both acute and delayed None reasonably foreseeable. 4.3. Indication of any immediate medical attention and special treatment needed:

Notes to Physician Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing: Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Extinguishing media which must not be used for safety reasons No information available.

5.2. Special hazards arising from the substance or mixture: Thermal decomposition can lead to release of irritating gases and vapors. Hazardous Combustion Products Carbon monoxide (CO), Carbon dioxide (CO₂), Nitrogen oxides (NO_x), Hydrogen chloride.

5.3. Advice for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation. Use personal protective equipment. Avoid dust formation. :Should not be released into the environment. See Section 12 for additional ecological information.

6.3. Methods and material for containment and cleaning up: Sweep up or vacuum up spillage and collect in suitable container for disposal. Keep in suitable, closed containers for disposal.

6.4. Reference to other sections:

Refer to protective measures listed in Sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling: Wear personal protective equipment. Ensure adequate ventilation. Avoid ingestion and inhalation. Avoid dust formation. Do not get in eyes, on skin, or on clothing.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Wash hands before breaks and at the end of workday.

7.2. Conditions for safe storage, including any incompatibilities:

Keep container tightly closed in a dry and well-ventilated place.

7.3. Specific end use(s): Use in laboratories

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters: Exposure limits This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies Biological limit values This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies Monitoring methods BS EN 14042:2003 Title Identifier: Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. MDHS14/3 General methods for sampling and gravimetric analysis of respirable and inhalable dust Derived No Effect Level (DNEL) No information available Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls Engineering Measures None under normal use conditions.

Personal protective equipment: Route of exposure Acute effects (local) Acute effects (systemic) Chronic effects (local) Chronic effects (systemic) Oral Dermal Inhalation

Eye Protection: Safety glasses with side-shields (European standard - EN 166) #

Hand Protection: Protective gloves

Skin and body protection: Long sleeved clothing Inspect gloves before use. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. (Refer to manufacturer/supplier for information) Ensure gloves are suitable for the task: Chemical compatability, Dexterity, Operational conditions, User susceptibility, e.g. sensitisation effects, also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. Remove gloves with care avoiding skin contamination.

Respiratory Protection: No protective equipment is needed under normal use conditions. Large scale/emergency use Use a NIOSH/MSHA or European Standard EN 136 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced Recommended Filter type: Particle filter Small scale/Laboratory use Maintain adequate ventilation Environmental exposure controls No information available.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- a) Appearance - Form: crystalline,
- b) Odour - no data available
- c) Odour Threshold - no data available
- d) pH - no data available
- e) Melting point/freezing point - no data available
- f) Initial boiling point and boiling range - no data available
- g) Flash point - no data available
- h) Evaporation rate - no data available
- i) Flammability (solid, gas) - no data available
- j) Upper/lower flammability or explosive limits - no data available
- k) Vapour pressure - no data available
- l) Vapour density - no data available
- m) Relative density - no data available
- n) Water solubility - no data available
- o) Partition coefficient: n-octanol/water - no data available
- p) Auto-ignition temperature - no data available
- q) Decomposition temperature - no data available
- r) Viscosity - no data available

- s) Explosive properties - no data available
t) Oxidizing properties - no data available
9.2 Other safety information - no data available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity: None known, based on information available

10.2. Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions: Hazardous Polymerization No information available. Hazardous Reactions None under normal processing.

10.4. Conditions to avoid: Incompatible products. Excess heat.

10.5. Incompatible materials: None known.

10.6. Hazardous decomposition products: Carbon monoxide (CO). Carbon dioxide (CO₂). Nitrogen oxides (NO_x). Hydrogen chloride.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Product Information

Acute toxicity: No data available

Dermal No data available

Inhalation: No data available

Skin corrosion/irritation; No data available

Serious eye damage/irritation; No data available

Respiratory or skin sensitization; Respiratory No data available

Skin: No data available

Germ cell mutagenicity; No data available

Carcinogenicity; No data available

Reproductive toxicity; No data available

Single exposure; No data available

Repeated exposure; No data available

Target Organs: None known.

Aspiration hazard; Not applicable

Solid Symptoms / effects, both acute and delayed: No information available

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity Ecotoxicity effects: Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants.

12.2. Persistence and degradability: No information available

12.3. Bio-accumulative potential: No information available

12.4. Mobility in soil: No information available

12.5. Results of PBT and vPvB assessment: No data available for assessment.

12.6. Other adverse effects:

Endocrine Disruptor Information: This product does not contain any known or suspected endocrine disruptors.

Persistent Organic Pollutant: This product does not contain any known or suspected substance.

Ozone Depletion Potential: This product does not contain any known or suspected substance

SECTION 13: DISPOSAL CONSIDERATIONS

Product - Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging - Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION

14.1 UN number

ADR/RID: - IMDG: - IATA: -

14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

14.4 Packaging group

ADR/RID: - IMDG: - IATA: -

14.5 Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precautions for user - no data available

SECTION 15. REGULATORY INFORMATION

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

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

EU regulations Major Accident Hazard Legislation 96/82/EC Directive 96/82/EC does not apply Regulation (EC) No 1005/2009 on substances that deplete the ozone layer not regulated Regulation (EC) No 850/2004 of the European

Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC not regulated Regulation (EC) No 689/2008 concerning the export and import of dangerous chemicals not regulated Substances of very high concern (SVHC)

This product does not contain substances of very high concern according to Regulation (EC) No 1907/2006 (REACH), Article 57 above the respective regulatory concentration limit of ≥ 0.1 % (w/w).

15.2 Chemical Safety Assessment - no data available

SECTION 16: OTHER INFORMATION

Text of H-code(s) and R-phrases mentioned in Section 2

H302 - Harmful if swallowed

WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product.

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