

1-Hydroxy Ibuprofen (Ibuprofen Impurity L) (Mixture of Diastereomers): sc-208643



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - CHEMICAL AND COMPANY INFORMATION

Chemical Name 1-Hydroxy Ibuprofen (Ibuprofen Impurity L)(Mixture of Diastereomers)

Synonyms 4-(1-Hydroxy-2-methylpropyl)- α -methylbenzeneacetic Acid;
2-[4'-(1-Hydroxy-2-methylpropyl)phenyl]propionic Acid; Ibuprofen Impurity L;

Catalog Nbr sc-208643

Supplier Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, California 95060
800.457.3801 or 831.457.3800

Cas Reg. No 53949-53-4

Emergency ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255
(1-800-CHEMCALL) or call +613 9573 3112

Section 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

The Toxicological Properties have not been thoroughly investigated. EXERCISE DUE CARE!

Section 3 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point N/A

Vapor Pressure N/A

Vapor Density N/A

Solubility in Water N/A

Molecular Formula C₁₃H₁₈O₃

Molecular Weight 222.28

Appearance and Odor

Off-White Solid

Specific Gravity(H₂O=1)

N/A

Melting Point

80-85°C

Evaporation Rate (Butyl Acetate=1) N/A

Section 4 - REACTIVE DATA

Stability Good

**Incompatibility
(Materials to Avoid)**

Strong oxidizing agents

Conditions to Avoid Strong oxidizers

**Hazardous
Decomposition or
Byproducts** Toxic fumes of carbon dioxide, carbon
monoxide

Hazardous Polymerization will not occur

Section 5 - CONTROL MEASURES

Respiratory Protection NIOSH/MSHA approved respirator

Ventilation

hood

Protective Gloves Chemical resistant gloves

Eye Protection

chemical safety goggles

Other Protective Clothing lab coats or apron

Other Protection

safety shower & eye bath

Section 6 - FIRST AID MEASURES

Inhalation Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Skin In case of contact, immediately flush eyes or skin with copious amount of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion Wash out mouth with water provided person is conscious. Call a physician immediately.

Eyes In case of contact, immediately flush eyes or skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes.

Section 7 - HEALTH HAZARD DATA

Health Hazards (Acute and Chronic)

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Exercise due care.

ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: May cause eye irritation.

Inhalation: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.

Degradation product of Ibuprofen. Ibuprofen Impurity L.

Medical Conditions Generally Aggravated by Exposure

The toxicological properties have not been thoroughly investigated.

Section 8 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled

Wear appropriate chemical resistant apparel. Avoid raising dust during clean-up. Ventilate area & wash spill site after pick-up is complete. Place waste in a bag & hold for disposal.

Waste Disposal Method

Burn in a Chemical Incinerator equipped with an Afterburner & Scrubber. Observe all Federal, State & Local Laws when disposing of any waste.

Precautions to Be Taken in Handling and Storage

Avoid contact & inhalation. Keep tightly closed. Restrict handling by unqualified personnel. Store at -20° C.

Section 9 - FIRE AND EXPLOSION HAZARD DATA

Extinguishing Media

carbon dioxide, dry chemical powder or appropriate foam.

Special Fire Fighting Procedures

wear self contained breathing apparatus and protective clothing to prevent contact with skins and eyes.

Unusual Fire and Explosion Hazards

emits toxic fumes under fire conditions; container explosion may occur under fire conditions.

Section 10 - TRANSPORTATION AND REGULATORY INFORMATION

DOT

Proper Shipping Name: None

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA

Non-Hazardous for Air Transport: Non-hazardous for air transport.

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

4/28/2010