

Diflunisal Phosphate: sc-207575



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - CHEMICAL AND COMPANY INFORMATION

Chemical Name Diflunisal Phosphate
Synonyms 2',4'-Difluoro-4-(phosphonooxy)-
[1,1'-biphenyl]-3-carboxylic Acid;

Catalog Nbr sc-207575

Cas Reg. No 84958-45-2

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

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

emergency overview : target organs : blood, liver

hmis classification

health hazard: 2: flammability: 0 :physical hazards: 0

Section 3 - PHYSICAL / CHEMICAL CHARACTERISTICS

Molecular Formula C₁₃H₉F₂O₆P

Molecular Weight 330.18

Boiling Point N/A

Vapor Pressure N/A

Vapor Density N/A

Solubility in Water N/A

Appearance and Odor White Solid

Specific Gravity(H₂O=1) N/A

Melting Point 161-163°C

Evaporation Rate (Butyl Acetate=1) N/A

Section 4 - REACTIVE DATA

Stability stable

Incompatibility
(Materials to Avoid) No Data

Conditions to Avoid No Data

Hazardous Decomposition or Byproducts carbon monoxide, carbon dioxide,
hydrogen fluoride, and phosphorus
oxides

Hazardous Polymerization will not occur

Section 5 - CONTROL MEASURES

Respiratory Protection niosh/msha approved respirator

Ventilation hood

Protective Gloves rubber gloves

Eye Protection safety goggles

Other Protective Clothing lab coat/apron

Other Protection safety eye wash

Section 6 - FIRST AID MEASURES

Inhalation if inhaled, remove to fresh air. if breathing becomes difficult, call a physician.

Skin in case of skin contact, flush with copious amounts of water for at least 15 minutes. remove contaminated clothing and shoes.

Ingestion in swallowed, wash out mouth with water provided person is conscious. call a physician.

Eyes in case of contact with eyes, flush with copious amounts of water for at least 15 min.. assure adequate flushing by separating eyelids.

Section 7 - HEALTH HAZARD DATA

Health Hazards (Acute and Chronic)

Acute toxicity

LD50 Oral - rat - 392 mg/kg

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

Possible risk of congenital malformation in the fetus.

Suspected human reproductive toxicant

Specific target organ toxicity - single exposure (GHS)

Inhalation - May cause respiratory irritation.

Specific target organ toxicity - repeated exposure (GHS)

no data available

Aspiration hazard

no data available

Potential health effects

Inhalation May be harmful if inhaled. Causes respiratory tract irritation.

Ingestion Toxic if swallowed.

Skin May be harmful if absorbed through skin. Causes skin irritation.

Eyes Causes eye irritation.

Signs and Symptoms of Exposure

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

Gastrointestinal disturbance

Additional Information

RTECS: DV2030000

Store at -20° C

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

Medical Conditions

Generally Aggravated by

Exposure

Section 8 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled

wear protective equipment. sweep up, place in a bag and hold for waste disposal. avoid raising dust. ventilate area and wash spill site after material pickup is complete.

Waste Disposal Method

dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. observe all federal, state and local environmental regulations.

Precautions to Be Taken in Handling and Storage

mechanical exhaust required. do not breath dust. avoid contact with eyes, skin and clothing. keep tightly closed. store in a cool dry place.

Section 9 - FIRE AND EXPLOSION HAZARD DATA

Extinguishing Media

Special Fire Fighting Procedures

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

Unusual Fire and Explosion Hazards

Emits Toxic Fumes 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 all inclusive and shall be used only as a guide.

We will not be held responsible for any damage resulting from handling or contact with the chemical described.

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.