

Beraprost (sodium salt): sc-204644



The Power to Question

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Beraprost (sodium salt)**
Catalog Code: sc-204644
Synonyms : 2,3,3a,8b-tetrahydro-2-hydroxy-1-(3-hydroxy-4-methyl-1-octen-6-y nyl)-1H-cyclopenta[b]benzofuran-5-butanoic acid,sodium salt; ML1129; Procylin; TRK 100
Chemical Family: Prostaglandins
Hazard Label: Health: 2
Molecular Formula: C₂₄H₂₉O₅Na Flammability: 0 ,Molecular Weight: 420.50 Reactivity: 0
Supplier: Santa Cruz Biotechnology, Inc. Emergency: ChemWatch
2145 Delaware Avenue Within the US & Canada: 877-715-9305
Santa Cruz, California 95060 Outside the US & Canada: +800 2436 2255
800.457.3801 or 831.457.3800 (1-800-CHEMCALL) or call +613 9573 3112

2. HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

| Hazardous Components (Specific Chemical Identity/ Common Name) | CAS # | OSHA PEL | ACGIH TLV | Other Limits | Percentage |
|---|------------|-------------|--------------|-----------------|------------|
| Beraprost (sodium salt) | 88475-69-8 | | | | 100.0 |

3. PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: NE or NA Specific Gravity (Water = 1): NE or NA Melting Point: 110.0 C Vapor Pressure (mm Hg): . . . NE or NA
to: 115.0 C Vapor Density (Air=1):. . . NE or NA Evaporation Rate: NE or NA Physical States: [] Gas (Butyl Acetate=1)
[] Liquid Solubility In Water:. . . . *19 mg/ml at 25.0 C [X] Solid *PBS pH 7.2, sol. in EtOH, DMSO, and DMF Percent
Volatile: NE or NA Appearance and Odor:
A crystalline solid

4. FIRE AND EXPLOSION HAZARD DATA

Flash Pt: NE or NA Method Used:
Explosive Limits: LEL: UEL:
Autoignition Pt: NE or NA Extinguishing Media:
Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.
Special Fire Fighting Procedures:
As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent), and full
protective gear to prevent contact with skin and eyes.
Unusual Fire and Explosion Hazards:

5. REACTIVITY DATA

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability:
Incompatibility - Materials To Avoid:
Hazardous Decomposition Or Byproducts:
Hazardous Polymerization: May occur [] Will not occur [X]
Conditions To Avoid - Hazardous Polymerization:

6. HEALTH HAZARD DATA

Route(s) of Entry: Inhalation? Yes , Skin? Yes , Eyes? Yes , Ingestion? Yes , Other:
Health Hazards (Acute and Chronic):
Contact may cause skin or eye irritation.
The toxicological properties of this compound have not been fully evaluated.
Carcinogenicity: NTP? No , IARC Monographs? No , OSHA Regulated? No
Carcinogenicity/Other Information:

Recommended Exposure Limits: LD 50/LC 50:
Signs and Symptoms Of Exposure:
Irritating to the skin, eyes, nose, throat, and respiratory tract.
Medical Conditions Generally Aggravated By Exposure:

Emergency and First Aid Procedures:
If inhaled remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.
If swallowed, wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention.
In case of contact with eyes, hold eyelids apart and flush eyes with plenty of water. After initial flushings, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.
In case of skin contact, immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

7. HANDLING AND STORAGE

Steps To Be Taken In Case Material Is Released Or Spilled:
Vacuum or sweep up material and place in disposal container.
After removal, ventilate contaminated area and flush thoroughly with water.
Waste Disposal Method:

Hazard Label Information:
Avoid contact with skin and eyes. Do not reuse this container.
Use with adequate ventilation. Wash thoroughly after handling.
Precautions To Be Taken in Handling and Storing:
Avoid contact with eyes, skin, and clothing.
Do not get on skin and clothing.
Do not reuse this container.
Store at correct temperature.
Use with adequate ventilation.
Wash thoroughly after handling.
Other Precautions:

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Protective Equipment Summary - Hazard Label Information
Eye wash station in work area Lab coat Latex disposable gloves
Safety glasses Safety shower in work area Vent Hood
Respiratory Equipment (Specify Type):

Ventilation:
Good general ventilation should be sufficient to control airborne levels.
Eye Protection:
Safety glasses
Protective Gloves:
Latex disposable gloves
Other Protective Clothing:
Lab coat
Work/Hygienic/Maintenance Practices:
Do not take internally.
Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
Wash thoroughly after handling.

9. ADDITIONAL INFORMATION

*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.*

6/8/2010