Section 1 - General Information

Chemical Name:
Ibuprofen Acyl-D-glucuronide

CAS Reg. Number:

Preparation Date/Revision Date:
6/21/2007

Manufacturer's Name:
Toronto Research Chemicals Inc.,
2 Brisbane Rd., North York, ON
Canada, M3J 2J8

Telephone Number:
416-665-9696   Fax Number:
416-665-4439

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

Appearance and Odor:
White Solid

Vapor Pressure:
N/A

Specific Gravity (H2O=1):
N/A

Solubility in Water:
Yes

Melting Point:
26-28°C

Evaporation Rate (ButylAcetate=1):
N/A

Vapor Density:
N/A

Section 4 - Reactive Data

Stability:
Good, hygroscopic, not stable in solutions

Incompatibility (Materials to Avoid):
Strong oxidizing agents

Conditions to Avoid:
Strong oxidizers, damp locations

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.

**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.

### 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 Information 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.