

MATERIAL SAFETY DATA SHEET

D-RAFFINOSE, Pentahydrate

I IDENTIFICATION:

BioShop Canada Inc.
5480 Mainway
Burlington, Ontario L7L 6A4
1-800-234-1179

Emergency Telephone No.: 1-905-466-3832
Chemical Name: D-RAFFINOSE, Pentahydrate
Catalog Number: RAF201/RAF222
Molecular Formula: C18H32O16.5H2O
Molecular Weight: 594.52
WHMIS Classification: not controlled
TSCA: not listed

II COMPOSITION/ INGREDIENTS:

	CAS #	%
D-Raffinose	17629-30-0	100
Pentahydrate		

Low health risk

III HAZARDS/TOXICOLOGICAL PROPERTIES:

To the best of our knowledge, this product is non hazardous

Routes of entry: Eyes, skin, inhalation, Ingestion.

Target Organs: Non known

Eyes: May cause irritation..

Skin: May cause irritation.

Inhalation: May cause irritation to respiratory tract.

Ingestion: may cause irritation to GI tract

CHRONIC HEALTH HAZARDS: none known.

Exposure Limits:

N/A

Epidemiology: No data available

Teratogenicity: No data available

Reproductive Effects: No data available

Neurotoxicity: No data available

Mutagenicity: No data available

IV FIRST AID MEASURES:

Eyes: Flush eyes with water .

Skin: In case of contact, flush area immediately with water.

Inhalation: Remove victim to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen and

Ingestion: Wash mouth with water.

V FIRE AND EXPLOSION HAZARDS:

Flammable: No

Flash Point: N/A

Extinguishing Media: Use water spray, foam, dry chemical or carbon dioxide.

Explosion Data: Not available

VI REACTIVITY:

Stability: Stable at normal room temperature and pressure

Conditions to avoid: dust generation

Incompatibility strong oxidizing agents.

Hazardous Decomposition Products: carbon dioxide, carbon monoxide.

Hazardous Polymerization: Has not been reported

VII PHYSICAL DATA:

Physical State: powder

Appearance and Odor: white powder, odorless

Melting Point: 78-80.5° C

Boiling Point: N/A

Specific Gravity: N/A

Vapor Density: N/A

Water Solubility: yes,

pH: N/A

VIII PREVENTIVE MEASURES:

Personal Protection: Lab coat, safety goggles, rubber gloves.

Ventilation: Local exhaust systems. Use fume hood

Respiratory protection: use OSHA/MSHA approved respirator.

Leak and Spill Procedures: Ventilate the area. Wear appropriate protective equipment. Cover with dry lime or soda. Sweep and place in a closed container.

Waste Disposal: Burn in chemical incinerator. Observe all Federal, provincial and local regulations.

Other precautions: Avoid contact. Do not get in eyes, on skin, or clothing.

Wash thoroughly after handling. Wash contaminated clothing before reuse.

Storage Conditions: Room temperature..

Label Hazard Warning: None. Avoid eye and skin contact. Avoid inhalation and ingestion.

Shipping Information: Not regulated

IX PREPARATION OF MSDS:

Prepared By: M.Kierdelewicz (President)

Date Prepared: Dec 30/2011

Phone: (800) 234-1179

The information provided on this Material Safety Data Sheet is furnished in good faith and without warranty of any kind. The above information is believed to be correct and should be used only as a guide. BioShop Canada Inc. shall not be held liable for any damage resulting from the handling or from the contact with the above product.

Observe all federal, provincial and state laws concerning health, safety and pollution.