

MATERIAL SAFETY DATA SHEET

ADENOSINE -5-DIPHOSPHATE, DISODIUM SALT, DIHYDRATE

I IDENTIFICATION:

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

Emergency Telephone No.: 1-905-466-3832
Chemical Name: Adenosine 5 diphosphate , disodium salt dihydrate
Catalog Number: ADP006
Molecular Formula: C10H13N5NA2O10P2. 2H2O
Molecular Weight: 507.17
WHMIS Classification: not controlled
TSCA Status: listed

II COMPOSITION/ INGREDIENTS:

	CAS #	%
ADP disodium dihydrate	16178-48-6	100%

Low health risk

III HAZARDS/TOXICOLOGICAL PROPERTIES:

The toxicological properties of this product have not been fully investigated.

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:
Oral, rat: LD50= >2g/kg

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.
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 and nitrogen oxides.
Hazardous Polymerization: Has not been reported

VII PHYSICAL DATA:

Physical State: solid
Appearance and Odor: white powder. Odorless.
Melting Point: N/A
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: -20°C..
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 6/2011
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.