

MATERIAL SAFETY DATA SHEET

Revision #: 01

Section 1 - Product Identification & Use

Product Name: Advance Deionized Water
WHMIS Classification: Not Available
TDG Classification: Non-Regulated Product
Manufacturer: Advance Chemicals Ltd.
2023 Kingsway Avenue
Port Coquitlam, BC V3C 1S9
Phone: (604) 945-9666
Fax: (604) 945-9617
Emergency phone: CANUTEC 24 hrs. (613) 996-6666

Section 2 - Hazardous Ingredients

Hazardous Components % (w/w) C.A.S. No. LD₅₀ & LC₅₀

Contains no hazardous ingredients.

Section 3 - Physical Data

Physical state: liquid **Boiling point:** 100°C
Liquid density: 1.0 g/mL **Freezing point:** 0°C
pH: 7.0 **Solubility in water:** no data
Vapour pressure: no data **Evaporation rate:** >1
(Butyl acetate=1)

Odour & Appearance: The product is a clear odorless liquid.

Section 4 - Fire or Explosion Hazard

Flammable: The product is not flammable.
Extinguishing Media: Substance is non combustible; use agent most appropriate to extinguish surrounding fire.
Hazardous Combustion Products: Material will not burn.

Section 5 - Reactivity Data

Chemical Stability: Stable.
Incompatible Substances: Strong acids, strong bases, water reactive substances (e.g. Acetic anhydride, alkyl aluminum chloride, calcium carbide, ethyl dichlorosilane).
Polymerization: Will not occur.
Conditions to Avoid: None reported.
Hazardous Decomposition Products: No data available.

Section 6 - Toxicological Properties

Acute Toxicity: No data found.
Skin Contact: Non-irritating to the skin.
Eye Contact: Non-irritating to the eyes.
Inhalation: No hazard expected in normal industrial use.
Ingestion: No hazard expected in normal industrial use.
Exposure Limits: No data found.
Carcinogenicity: This material is not considered to be a carcinogen by the National Toxicology Program, the International Agency for Research on Cancer, or The Occupational Safety & Health Administration.

Section 7 - Preventative Measures

Personal Protective Equipment: Personal protective garments, gloves, eye protection and respiratory protection is not normally required.

Respiratory Protection: A respirator is normally not required.

Ventilation Requirements: There are no special ventilation requirements.

Action to take for Spills & Leaks: Absorb the liquid and scrub with soap and water.

Disposal methods: Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, provincial and local regulatory agencies to ascertain proper disposal procedures.

Storage & Handling Precautions: No special handling or storage procedures required.

Repair and Maintenance Precautions: None available.

Section 8 - First Aid Measures

If Inhaled: Get medical aid if cough or other symptoms appear.

In Case of Eye Contact: If irritation develops, get medical aid.

In Case of Skin Contact: Get medical aid if irritation or symptoms occur.

In Case of Ingesting or Swallowing: Get medical attention if irritation or other symptoms appear.

Section 9 - Preparation Information

Advance Chemicals Limited expressly disclaims all expressed or implied warranties of merchantability and fitness for a particular purpose with respect to the product provided. The information contained herein is offered only as a guide to the handling of this specific product, and has been prepared in good faith by technically knowledgeable personnel. This M.S.D.S. is not intended to be all-inclusive, and the manner and conditions of use may involve other and additional considerations.

Prepared: 17 January 2007