

MATERIAL SAFETY DATA SHEET

MSDS No. : 241-08800-98

Creation / Revision Date : Jul. 13, 2005

Identification of Substance :	• Product details : Trade name : Ampdirect® Plus • Manufacturer / Supplier : Manufacturer's name : SHIMADZU CORPORATION Division : Analytical & Measuring Division Address : 1, Nishinokyo-Kuwabaracho, Nakagyo-ku, Kyoto 604-8511, Japan Tel : +81-(0)75-823-1351, Fax : +81-(0)75-823-1364 • Emergency Tel : +81-(0)29-851-6641 FAX : +81-(0)29-851-6682 Technical Section, LIFE SCIENCE LABORATRY • MSDS No. : 241-08800-98
Composition Information on Ingredients :	• Chemical characterization : Tris-HCl(5%) KCl(5%) MgCl ₂ (5%)
Hazards Identification :	• Hazard description : Not applicable
First Aid Measures :	• After contact with eyes : Rinse opened eyes for 15 minutes under running water. Then take medical treatment. • After contact with skin : Immediately wash with water. • After inhalation : Blow your nose and gargle immediately. Then move into fresh air and keep calm. • After ingestion : Drink a large amount of water. Then take medical treatment.
Fire Fighting Measures :	• Ex t i n g u i s h i n g a g e n t s : Water spray Dry powder Carbon Dioxide
Accidental Release Measures :	• Measures for cleaning / collecting : Gather and store in a vacant container as much as possible for reclamation or later disposal. Residue should be clean up by a mop.
Handling and Storage :	• Handling : Avoid contacting with eyes and skin. • Storage : - 20
Exposure Controls and Personal Protection :	• Personal protection equipment : For eyes : Safety goggles For hands : Appropriate gloves For skin and body : Appropriate apron and jacket
Physical and Chemical Properties :	• Liquid solution : Volatiles : Undetermined • Form : Colorless : Vapor pressure : Undetermined • Color : 100 : Specific gravity : Undetermined • Boiling point : 0 • Melting point : Fully miscible • Solubility in water :
Stability and Reactivity :	• Flash point : Not applicable • Ignition : Not applicable • Temperature : None • Ignitability : • O x i d a t i o n r e a c t i v i t y : None • Self-reactivity ,Explosion : None • Dust explosion :
Ecological Information :	• Fish toxicity : Not tested • Degradative : Not tested • Accumulative : Not tested
Toxicological Information :	• C o r r o s i v i t y : Not tested • Irritation(skin ,eyes) : Not tested • Acute Toxicity : Not tested • Subacute Toxicity : Not tested • Chronic toxicity : Not tested • Cancerous : Not tested • Mutagenicity : Not tested • Sensitization : Not tested • Reproductive toxicity : Not tested • Teratogenicity : Not tested
Disposal Considerations :	Dispose of with a large amount of water. Transport Consideration : Avoid falling not to damage the container.
Regulations :	Japan None of the ingredients is listed -

* This information is based on our present knowledge, and presented as reference information for safety use.

Therefore, this shall not constitute a guarantee for any specific product features.

* This product may present unknown hazards and should be used with caution.