



**Demineralizer Bottle**  
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**Safety Data Sheet**

According to Regulation (EC) No. 1907/2006  
OSHA Regulation 29 CFR 1910.1200  
Canadian Regulation SOR/88-66

**Revision Date:** 2009-06-10  
**Reason for Revision:** 29 CFR 1910.1200 and SOR/88-66 Compliance

**SECTION 1: IDENTIFICATION OF THE PRODUCT AND COMPANY**

**Product Name:** Demineralizer Bottle  
**Application:** Preparation of demineralized water from tap water.  
**Company Information (USA):** Hanna Instruments, Inc.  
584 Park East Dr, Woonsocket, Rhode Island, USA 02895  
**Technical Service Contact Information:** 1-800-426-6287 (8:30AM - 5:00PM ET)  
+1-401-766-4260 (8:30AM - 5:00PM ET)  
**USA Emergency Contact Information:** 1-800-424-9300 (Chemtrec 24Hr. Emergency)  
**International Emergency Contact Information:** +1-703-527-3887 (Chemtrec 24Hr. Emergency)  
**E-mail Address:** tech@hannainst.com

**SECTION 2: HAZARD IDENTIFICATION**

Irritating to eyes.

**SECTION 3: COMPOSITION AND COMPONENT INFORMATION**

**Component:** Functionalized copolymer  
**EC-No.:** NA  
**CAS-No.:** NA  
**Hazard:** Xi  
**Phrases:** R: 36  
**Content:** >30% - <80%

**SECTION 4: FIRST AID MEASURES**

**After Inhalation:** Remove to fresh air.  
**After Skin Contact:** wash off with plenty of water. Remove contaminated clothing  
**After Eye Contact:** rinse out with plenty of water with the eyelid held wide open. Summon eye specialist.  
**After Swallowing:** Make victim drink plenty of water, induce vomiting, summon doctor.  
**General Information:** Remove contaminated, soaked clothing immediately and dispose of safely.

**SECTION 5: FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media:**  
water spray, foam, dry powder or carbon dioxide.  
**Special Risks:**  
development of hazardous combustion gases or vapors possible in the event of fire. The following may develop in event of fire: aromatic derivatives; carbon, nitrogen and sulfur oxides.  
**Special Protective Equipment:**  
do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.  
**Additional Information:**  
prevent fire fighting water from entering surface water or groundwater. Contain escaping vapors with water.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:**

Take up dry. Clean up affected area and dispose according to local regulation. Avoid generation of dusts. Avoid substance contact. Avoid inhalation of dusts.

**Environmental Precautions:**

Do not discharge into the drains/surface waters/groundwaters.

**Additional Notes:**

None

**SECTION 7: HANDLING AND STORAGE**

**Handling:**

Cannot be stored indefinitely.

**Storage:**

Tightly closed. Avoid dehydration. Store at 0 °C to +40 °C. Protect from light. Accessible only for authorized persons.

**SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION**

**Engineering:**

Maintain general industrial hygiene practice.

**Personal Protective Equipment:**

As appropriate to quantity handled.

**Respiratory Protection:**

Required when dusts are generated.

**Protective Gloves:**

Rubber or plastic.

**Eye Protection:**

Goggles or face mask

**Industrial Hygiene:**

Change contaminated clothing. Wash hands after working with substance.

**SECTION 9: PHYSICAL/CHEMICAL PROPERTIES**

<b>Appearance:</b>	Granules; Yellow-brown, Green and Blue	<b>Odor:</b>	amine-like	<b>Density at 20° C:</b>	1.03-1.30 g/cm <sup>3</sup>
<b>Melting Point:</b>	NA	<b>Boiling Point:</b>	NA	<b>Solubility:</b>	Insoluble
<b>pH at 20° C:</b>	Neutral	<b>Explosion Limit:</b>	NA	<b>Flash Point:</b>	> 500 °C
<b>Thermal Decomp.:</b>	NA				

**SECTION 10: STABILITY AND REACTIVITY**

**Conditions to be Avoided:**

May develop amine vapor at temperature > 50 °C.

**Hazardous Polymerization:**

Will not occur.

**Further Information:**

stable in the usual condition of use.

**Hazardous Decomposition Products:**

in the event of fire: see section 5.

**Substances to be Avoided:**

nitric acid, strong oxidizing agents.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Product Toxicity**

Quantitative data on the toxicity of this product are not available.

**Potential Health Effects:**

**Eye Contact:** Irritations.

**Further Data:** No ecological problems are to be expected when the product is handled and used with due care and attention.

**Component Toxicity**

**Acute Toxicity:**

Not Available

**Chronic Toxicity:**

Not Available

**Additional Data:**

Not Available

**SECTION 12: ECOLOGICAL INFORMATION**

Quantitative data on the ecological effect of this product are not available.

**Further Data:** no ecological problems are to be expected when the product is handled and used with due care and attention.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal:** Chemical residues are generally classified as special waste and thus covered by local regulations. Contact local authorities or disposal companies for advice. Handle contaminated packaging in the same way as the substance itself.

**SECTION 14: TRANSPORTATION INFORMATION**

**Land:**

Not subject to transport regulations.

**Sea:**

Not subject to transport regulations.

**Air:**

Not subject to transport regulations.

**SECTION 15: REGULATORY INFORMATION**

**Labeling according to EC Directives:**

**Symbol:** Xi: Irritant

**R-phrases:** 36: Irritating to the eyes.

**S-phrases:** 26-36: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.

**Contains:** Functionalized copolymer.

**SECTION 16: OTHER INFORMATION**

**Text of R-phrases under Section 3**

36: Irritating to eyes.

**Revision Information**

**Revision Date:** 2009-06-10

**Supersedes edition of:** 2008-12-01

**Reason for revision:** 29 CFR 1910.1200 and SOR/88-66 Compliance

**Legend**

NA: Not Applicable

ND: Not Determined

**THE INFORMATION CONTAINED HEREIN IS BASED ON THE PRESENT STATE OF OUR  
 KNOWLEDGE. IT CHARACTERIZES THE PRODUCT WITH REGARD TO THE  
 APPROPRIATE SAFETY PRECAUTIONS. IT DOES NOT REPRESENT A GUARANTEE OF  
 THE PROPERTIES OF THE PRODUCT.**