



Safety Data Sheet

According to Regulation (EC) No. 1907/2006

OSHA Regulation 29 CFR 1910.1200

Canadian Regulation SOR/88-66

Revision Date: 2012-06-01

Reason for Revision: Reviewed Only

SECTION 1: IDENTIFICATION OF THE PRODUCT AND COMPANY

Product Name: Demineralizer Bottle

Additional Product Codes: DEMINERAL 2
DEMINERAL 5
DEMINERAL 10

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

Appearance:

Granules;
 Yellow-brown, Green
 and Blue

Odor:

amine-like

Density at 20°C: 1.03-1.30 g/cm³

Melting Point:

NA

Boiling Point:

NA

Solubility:

Insoluble

pH at 20°C:

Neutral

Explosion Limit:

NA

Flash Point:

> 500 °C

Thermal Decomp.:

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.

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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: 2012-06-01

Supersedes edition of: 2009-06-10

Reason for revision: Reviewed Only

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.