

MATERIAL SAFETY DATA SHEET

Ashland

Page 001

Date Prepared: 01/21/98

Date Printed: 12/21/02

MSDS No: 999.0024412-002.002

DEMINERALIZED WATER

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity

Product Name: DEMINERALIZED WATER

Product Code:

General or Generic ID: WATER

Company

Ashland
Ashland Distribution Co. &
Ashland Specialty Chemical Co.
P. O. Box 2219
Columbus, OH 43216
614-790-3333

Emergency Telephone Number:

1-800-ASHLAND (1-800-274-5263)
24 hours everyday

Regulatory Information Number:
1-800-325-3751

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	CAS Number	% (by weight)
WATER	7732-18-5	100.0

3. HAZARDS IDENTIFICATION

Potential Health Effects

Eye

No data

Skin

No data

Swallowing

No data

Inhalation

No data

Symptoms of Exposure

No data

Target Organ Effects

No data

Developmental Information

No data

Cancer Information

No data

Other Health Effects

By nature of the product, no adverse health effects are expected. However, all industrial chemicals should be handled with caution to avoid unnecessary exposure.

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Primary Route(s) of Entry

No data

4. FIRST AID MEASURES

Eyes

First aid is not applicable.

Skin

First aid is not applicable.

Swallowing

First aid is not normally required. If symptoms develop, seek medical attention.

Inhalation

First aid is not applicable.

Note to Physicians

No data

5. FIRE FIGHTING MEASURES

Flash Point

Not applicable

Explosive Limit

Not applicable

Autoignition Temperature

Not applicable

Hazardous Products of Combustion

No data

Fire and Explosion Hazards

No special fire hazards are known to be associated with this product.

Extinguishing Media

No data

Fire Fighting Instructions

No special precautions necessary when fighting fires involving this product.

NFPA Rating

Health - 0, Flammability - 0, Reactivity - 0

6. ACCIDENTAL RELEASE MEASURES

Small Spill

Allow to evaporate.

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Large Spill

Allow to evaporate.

7. HANDLING AND STORAGE

Handling

Not applicable

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection

Wear safety glasses in compliance with OSHA regulations. (Consult your safety representative.)

Skin Protection

Not normally required., Wear normal work clothing covering arms and legs..

Respiratory Protections

Not required under normal conditions of use.

Engineering Controls

Not required under normal conditions of use.

Exposure Guidelines

Component

WATER (7732-18-5)

No exposure limits established

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point

(for product) 212.0 F (100.0 C) @ 760 mmHg

Vapor Pressure

(for product) 17.500 mmHg @ 68.00 F

Specific Vapor Density

.600 @ AIR=1

Specific Gravity

1.000 @ 68.00 F

Liquid Density

8.330 lbs/gal @ 68.00 F

1.000 kg/l @ 20.00 C

Percent Volatiles

100.0 %

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DEMINERALIZED WATER

Evaporation Rate

SLOWER THAN ETHYL ETHER

Appearance

CLEAR

State

LIQUID

Physical Form

NEAT

Color

COLORLESS

Odor

NONE

pH

7.0

Freezing Point

32.0 F (.0 C)

10. STABILITY AND REACTIVITY

Hazardous Polymerization

Product will not undergo hazardous polymerization.

Hazardous Decomposition

No data

Chemical Stability

Stable.

Incompatibility

Avoid contact with: alkali metals, sulfuric acid.

11. TOXICOLOGICAL INFORMATION

No data

12. ECOLOGICAL INFORMATION

No data

13. DISPOSAL CONSIDERATION

Waste Management Information

For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact Ashland Distribution Company, IC&S Environmental Services Group at 800-637-7922.

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14. TRANSPORT INFORMATION

DOT Information - 49 CFR 172.101

DOT Description:

NON-REGULATED BY D.O.T.

Container/Mode:

55 GAL DRUM/TRUCK PACKAGE

NOS Component:

None

RQ (Reportable Quantity) - 49 CFR 172.101

Not applicable

Other Transportation Information

The DOT Transport Information may vary with the container and mode of shipment.

15. REGULATORY INFORMATION

US Federal Regulations

TSCA (Toxic Substances Control Act) Status

TSCA (UNITED STATES) The intentional ingredients of this product are listed.

CERCLA RQ - 40 CFR 302.4(a)

None listed

SARA 302 Components - 40 CFR 355 Appendix A

None

Section 311/312 Hazard Class - 40 CFR 370.2

Immediate() Delayed() Fire() Reactive() Sudden Release of
Pressure()

SARA 313 Components - 40 CFR 372.65

None

OSHA Process Safety Management 29 CFR 1910

None listed

EPA Accidental Release Prevention 40 CFR 68

None listed

International Regulations

Inventory Status

ACQIN (AUSTRALIA) The intentional ingredients of this product are listed.

DSL (CANADA) The intentional ingredients of this product are listed.

EINECS (EUROPE) The intentional ingredients of this product are listed.

ENCS (JAPAN) The intentional ingredients of this product are listed.

TCCL (KOREA) The intentional ingredients of this product are listed.

State and Local Regulations

California Proposition 65

None

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16. OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.