

Issuing Date 6/22/2012

Revision Number 0

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name PWD DEMINERALIZER WASH BOTTLE RESIN CONTAINED IN BOTTLE

Product Code(s) 1151

Synonyms none

Recommended Use Laboratory chemicals. Industrial (not for food or food contact use).

Company LaMotte Company, Inc.
802 Washington Avenue
P.O. Box 329
Chestertown, MD 21620
USA

Emergency Telephone Number 24 Hour Emergency Number (CHEM-TEL):
USA, Canada, Puerto Rico 1-800-255-3924
Outside North American Continent (Call collect) 813-248-0585

2. HAZARDS IDENTIFICATION

Emergency Overview

Irritating to eyes

Causes mild skin irritation

Appearance light & dark, Amber

Physical State Solid, Spherical beads

Odor Slight amine

OSHA Regulatory Status This product is an article which contains a chemical substance. Safety information is given for exposure to the article as sold, but considers exposure to the chemical if user has direct eye and skin contact with the chemical.

Potential Health Effects

Principle Routes of Exposure Eye contact, and, Skin contact.

Acute Toxicity

Eyes May cause slight irritation.

Skin Substance may cause slight skin irritation.

Inhalation Not an expected route of exposure.

Ingestion May cause gastrointestinal discomfort if consumed in large amounts.

Chronic Effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, sulfonated	69011-20-7	15-25
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, chloromethylated, 2-(dimethylamino)ethanol-quaternized, hydroxide	69011-16-1	25-35
Water	7732-18-5	to 100%

4. FIRST AID MEASURES

General Advice Do not get in eyes, on skin, or on clothing.

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

Skin Contact Wash off with warm water and soap. Consult a physician if necessary.

Inhalation Move to fresh air.

Ingestion Clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary. Never give anything by mouth to an unconscious person.

Notes to Physician Treat symptomatically.

Protection of First-aiders Use personal protective equipment. See Section 8 for more detail. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

5. FIRE-FIGHTING MEASURES

Flash Point

Suitable Extinguishing Media Water spray, dry chemical, carbon dioxide (CO₂), or foam.

Explosion Data

Protective Equipment and Precautions for Firefighters Wear self-contained breathing apparatus and protective suit.

NFPA	Health Hazard 1	Flammability 1	Stability 1	Physical and Chemical Hazards -
HMIS	Health Hazard 0	Flammability 0	Stability 0	

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Refer to Section 8.

Methods for Cleaning Up Caution. Floor and other surfaces may be slippery. Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling Handle in accordance with good industrial hygiene and safety practice. Prevent contact with skin, eyes, and clothing. Do not ingest. Do not eat, drink, or smoke when using this product.

Storage Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, sulfonated 69011-20-7	None Known	None Known	None Known

Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, chloromethylated, 2-(dimethylamino)ethanol-quaternized, hydroxide 69011-16-1	None Known	None Known	None Known
Water 7732-18-5	None Known	None Known	None Known

Personal Protective Equipment

Eye/Face Protection

Safety glasses with side-shields.

Skin and Body Protection

Wear protective gloves/clothing.

Respiratory Protection

None required under normal usage.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

light & dark Amber

Odor

Slight amine

Physical State

Solid, Spherical beads

pH

7.5 - 9.0

Flash Point

>500

Autoignition Temperature

°C

10. STABILITY AND REACTIVITY

Stability

Stable under normal conditions of use and storage.

Incompatible Products

Strong oxidizing agents. Acids.

Conditions to Avoid

Temperatures above 194°C.

Hazardous Decomposition Products

Carbon oxides (COx). Sulfur oxides (SOx). Nitrogen oxides (NOx). Amines. Ammonia. styrene, divinylbenzene monomers.

Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, sulfonated	None Known	None Known	None Known
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, chloromethylated, 2-(dimethylamino)ethanol-quaternized, hydroxide	None Known	None Known	None Known

Water	90 mL/kg (Rat)	None Known	None Known
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Chronic Toxicity

Chemical Name	ACGIH	IARC	NTP	OSHA
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, sulfonated	None Known	None Known	None Known	None Known
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, chloromethylated, 2-(dimethylamino)ethanol-quaternized, hydroxide	None Known	None Known	None Known	None Known
Water	None Known	None Known	None Known	None Known

Chemical Name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Japan - Endocrine Disruptor Information
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, sulfonated	None Known	None Known	None Known
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, chloromethylated, 2-(dimethylamino)ethanol-quaternized, hydroxide	None Known	None Known	None Known
Water	None Known	None Known	None Known

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, sulfonated	None Known	None Known	None Known	None Known
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, chloromethylated, 2-(dimethylamino)ethanol-quaternized, hydroxide	None Known	None Known	None Known	None Known
Water	None Known	None Known	None Known	None Known

Chemical Name	Log Pow
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, sulfonated	None Known
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, chloromethylated, 2-(dimethylamino)ethanol-quaternized, hydroxide	None Known
Water	None Known

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method

Dispose of contents/container in accordance with local regulation. This material, as supplied, is not a hazardous waste according to state and Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste pursuant to Federal regulations, and the applicable state requirements for the specific area of disposal. Consult the appropriate state, regional, or local regulations for additional requirements.

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, sulfonated - 69011-20-7	None Known	None Known	None Known	None Known
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, chloromethylated, 2-(dimethylamino)ethanol-quaternized, hydroxide - 69011-16-1	None Known	None Known	None Known	None Known
Water - 7732-18-5	None Known	None Known	None Known	None Known

14. TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

International Inventories

Component	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, sulfonated 69011-20-7 (15-25)	XU	X	EINECS/ELINCS	ENCS	X	KE-10326	X	X
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, chloromethylated, 2-(dimethylamino)ethanol-quaternized, hydroxide 69011-16-1 (25-35)	XU	X	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS

Water 7732-18-5 (to 100%)	Present	X	X	ENCS	X	KE-35400	X	X
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U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, sulfonated	69011-20-7	15-25	None Known
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, chloromethylated, 2-(dimethylamino)ethanol-quaternized, hydroxide	69011-16-1	25-35	None Known
Water	7732-18-5	to 100%	None Known

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, sulfonated 69011-20-7 (15-25)	None Known	None Known	None Known	None Known
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, chloromethylated, 2-(dimethylamino)ethanol-quaternized, hydroxide 69011-16-1 (25-35)	None Known	None Known	None Known	None Known
Water 7732-18-5 (to 100%)	None Known	None Known	None Known	None Known

Chemical Name	CAS-No	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, sulfonated	69011-20-7	15-25	None Known	None Known	None Known	None Known
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, chloromethylated, 2-(dimethylamino)ethanol-quaternized, hydroxide	69011-16-1	25-35	None Known	None Known	None Known	None Known
Water	7732-18-5	to 100%	None Known	None Known	None Known	None Known

CERCLA

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, sulfonated	None Known	None Known
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, chloromethylated, 2-(dimethylamino)ethanol-quaternized, hydroxide	None Known	None Known
Water	None Known	None Known

U.S. State Regulations

Chemical Name	CAS-No	California Prop. 65
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, sulfonated	69011-20-7	None Known
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, chloromethylated, 2-(dimethylamino)ethanol-quaternized, hydroxide	69011-16-1	None Known
Water	7732-18-5	None Known

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, sulfonated	None Known	None Known	None Known	None Known	None Known
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, chloromethylated, 2-(dimethylamino)ethanol-quaternized, hydroxide	None Known	None Known	None Known	None Known	None Known
Water	None Known	None Known	None Known	None Known	None Known

International Regulations



Mexico - Grade No information available.

Chemical Name	Carcinogen Status	Exposure Limits
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, sulfonated	None Known	None Known
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, chloromethylated, 2-(dimethylamino)ethanol-quaternized, hydroxide	None Known	None Known
Water	None Known	None Known

Canada

Component	WHMIS Hazard Class
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, sulfonated 69011-20-7 (15-25)	Not determined
Benzene, diethenyl-, polymer with ethenylbenzene and ethenylethylbenzene, chloromethylated, 2-(dimethylamino)ethanol-quaternized, hydroxide 69011-16-1 (25-35)	Not determined
Water 7732-18-5 (to 100%)	Uncontrolled product according to WHMIS classification criteria

16. OTHER INFORMATION

NFPA	HMIS	PPE	Transport Symbol						
	<table border="1"> <tr> <td data-bbox="509 254 716 300">Health Hazard</td> <td data-bbox="717 254 792 300">1</td> </tr> <tr> <td data-bbox="509 302 716 348">Fire Hazard</td> <td data-bbox="717 302 792 348">1</td> </tr> <tr> <td data-bbox="509 350 716 396">Reactivity</td> <td data-bbox="717 350 792 396">0</td> </tr> </table>	Health Hazard	1	Fire Hazard	1	Reactivity	0		
Health Hazard	1								
Fire Hazard	1								
Reactivity	0								

Prepared By

Regulatory Affairs Department

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6/22/2012

Revision Date

22-Jun-2012

Revision Note

Initial Release

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS