

Poly-Drill Drilling Systems

1824 - 104 Avenue, S.W. Calgary, Alberta, Canada T2W-OA8 (403) 259-5112 FAX (403) 255-7185

email: polydril@telus.net www.poly-drill.com



MATERIAL SAFETY DATA SHEET/FICHE SIGNALETIQUE

1. PRODUCT IDENTIFICATION

PRODUCT TRADE NAME:

Poly-Drill 133-X

PRODUCT DESCRIPTION:

LIQUID ANIONIC POLYMER

CHEMICAL DESCRIPTION:

Polymer, Surfactant(s), Water, Hydrocarbon solvent

UPDATED: March 15, 2004

NFPA704M/HMIS RATING

HEALTH: 0/

0/1 FLAMMABILITY:

1/1

REACTIVITY: 0/0

OTHER:

0=Insignificant

1=Slight

2=Moderate

3=High

4=Extreme

2. COMPOSITION

A liquid polymer: Evaluation of the ingredient(s) has found no ingredient(s) hazardous as per WHMIS regulations. None of the substances in this product are hazardous.

3. PHYSICAL DATA

Flash Point: >100°C (PMCC) Specific Gravity (@ 25°C.): 1.08 Solubility in Water: Emulsifiable

pH: 8.1 (1.0% solution)

Freeze Point: -10 °C (14 Degrees F)

Density (g/ml): 1.08 at 25 °C Physical State: Liquid Appearance: Blue liquid Odor: Hydrocarbon

Note: These physical properties are typical values for this product.

4. FIRE AND EXPLOSION DATA

INCOMPATIBILITY: Avoid contact with strong oxidizers (eg. Chlorine, peroxides, chromates, nitric acid, perchlorates, concentrated oxygen, permanganates) which can generate heat, fires, explosions and the release of toxic fumes.

THERMAL DECOMPOSTION PRODUCTS: In the event of combustion CO, oxides of carbon (COx), oxides of nitrogen (NOx) may be formed. Do not breathe smoke or fumes. Wear suitable protective equipment.

5. FIRE FIGHTING MEASURES

FLASH POINT: >100°C (PMCC)

EXTINGUISHING MEDIA: Based on the NFPA guide, use dry chemical, foam, carbon dioxide or other extinguishing agent suitable for Class B fires. Use water to cool containers exposed to fire. For larger fires, use water spray or fog, thoroughly drenching the burning material.

UNSUITABLE EXTINGUISHING MEDIA:

Do not use water unless flooding amounts are available.

UNUSUAL FIRE AND EXPLOSION HAZARD: May evolve oxides of nitrogen (NOx) under fire conditions.

. 6. HEALTH HAZARD DATA

EMERGENCY OVERVIEW:

CAUTION: May cause irritation to skin and eyes. Avoid contact with skin, eyes and clothing. Do not take internally.

Empty containers may contain residual product. Do not reuse container unless properly reconditioned.

PRIMARY ROUTE(S) OF EXPOSURE: Eye & Skin

EYE CONTACT: Can cause mild to moderate irritation SKIN CONTACT: Can cause mild, short-lasting irritation

SYMPTOMS OF EXPOSURE: A review of available data does not identify any symptoms from exposure not previously mentioned.

AGGRAVATION OF EXISTING CONDITIONS: A review of available data does not identify any worsening of existing conditions.

7. EMERGENCY AND FIRST AID PROCEDURES

SKIN: Wash exposed area with soap and water. If irritation or abnormalities persist, call a physician. EYE: Immediately flush eyes with water for 15 minutes, if irritation or abnormalities persist, call a physician. INHALATION: Remove to fresh air. If breathing becomes difficult, give oxygen and call a physician. INGESTION: Do not induce vomiting: Call a physician immediately.

CAUTION: If unconscious, having trouble breathing or in convulsions, do not induce vomiting or give water. Call for medical assistance immediately.

8. HANDLING, ACCIDENTAL RELEASE MEASURES & DISPOSAL CONSIDERATIONS

Storage: Keep container tightly closed when not in use.

DISPOSAL:

In Ontario, the waste class under Regulation 347 is: 233L

SMALL SPILLS:

Soak up spill with absorbent material. Place residues in a suitable, covered, properly labeled container. Wash affected area.

LARGE SPILLS:

Contain liquid using absorbent material, by digging trenches or by dyking. Reclaim into recovery or salvage drums or tank truck for proper disposal. Contact approved waste hauler for disposal of contaminated recovered material. Dispose of material in compliance with regulations indicated.

Dispose of wastes in an approved incinerator or waste treatment/disposal site, in accordance with all applicable regulations. Do not dispose of wastes in local sewer or with normal garbage.

ENVIRONMENTAL PRECAUTIONS

This product should NOT be directly discharged into lakes, ponds, streams, waterways or public water supplies.

As a non-hazardous liquid waste, it should be solidified with stabilizing agents (such as sand, fly ash, or cement) so that no free liquid remains before disposal to an industrial waste landfill. A non-hazardous liquid waste can also be incinerated in accordance with local, state, provincial and federal regulations.

9. INDUSTRIAL HYGIENE CONTROL MEASURES

. OCCUPATIONAL EXPOSURE LIMITS:

This product does not contain any substance that has an established exposure limit.

Respiratory Protection: None normally required.

For large spills, entry into large tanks, vessels or enclosed small spaces with inadequate ventilation, a positive pressure, self-contained breathing apparatus is recommended.

Ventilation: General ventilation is recommended.

Eye Protection: Safety glasses, if personally preferred

Gloves: Generally not necessary. Personal preference. Examples of impermeable gloves available on the market are neoprene, nitrile, PVC, natural rubber, viton, and butyl (compatibility studies have not been performed).

If clothing is contaminated, remove clothing and thoroughly wash the affected area. Launder contaminated clothing before reuse.

10. TOXICOLOGICAL PROPERTIES

SENSITIZATION:

This product is not expected to be a sensitizer.

A "LC50-96" Pass/Fail Bioassay test. This test determines the lethality of a fluid on young aquatic organisms. The fluid falls if 50% or more of the animals are dead after 96 hours in the fluid.

96 hour static acute LC50 to Rainbow Trout = Greater than 1,000 mg/L

96 hour no observed effect concentration = 125 mg/L based on no mortality or abnormal effects

96 hour static acute LC50 to Sheepshead Minnow = Greater than 1,000 mg/L

96 hour no observed effect concentration = 1,000 mg/L (highest concentration tested) based on no mortality or abnormal effects.

96 hour static acute LC50 to Mysid Shrimp = 400 mg/L

96 hour no observed effect concentration = 180 mg/L based on no mortality or abnormal effects.

96 hour static acute LC50 to Daphnia Magna - 400 mg/L

96 hour no observed effect concentration = 56 mg/L (lowest concentration tested) based on no mortality or abnormal effects.

Microtoxicity

The Microtox bioassay has been established as the reference test for mud additive toxicity testing.

Test Method: Luminescent Bacteria, IC50@ 15 min

Reference: Appendix 1: Microtox Bioassay Procedure, Drilling Waste Management, Guide G50. 1993. Alberta Energy and Utilities Board. Calgary, AB, Canada.

Sample: Poly Drill 1330, sample #97324-1 for test #970723, 97/05/09 by D. Lintott

Preparation: Sample was diluted to 2 g/L, which formed thick, slightly cloudy liquid. The sample was then centrifuged for 1 hour.

FAX NO. :4032557185 May. 04 2005 12:01PM P5

FROM :Poly-Drill

Test Results:

SAMPLE	TREATMENT	%CTL	IC20%	IC50	RESULT
97324-1	None	N/A	14 (9-22)	>91	PASS

The following results are for a 1% aqueous solution of product.

CARCINOGENCITY:

None of the substances in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the American Conference of Government Industrial Hygienists (ACGIH).

HUMAN HAZARD CHARACTERIZATION:

Based on our Hazard Characterization, the potential human hazard is: LOW

ENVIRONMENTAL HAZARD AND EXPOSURE CHARACTERIZATION:

Based on our Hazard Characterization, the potential environmental hazard is: LOW,

11. DEPARTMENT OF TRANSPORTATION INFORMATION

PROPER SHIPPING NAME/HAZARD CLASS MAY VARY BY PACKAGING, PROPERTIES, AND MODE OF TRANSPORTATION. TYPICAL PROPER SHIPPING NAMES FOR THIS PRODUCT ARE:

ALL TRANSPORTATION MODES: PRODUCT IS NOT REGULATED DURING TRANSPORATION

Shipping Name: Liquid Drilling Additive

Hazard Class: Not hazardous

Cautionary Labeling: None required

14. OTHER INFORMATION

This information contained herein is given in good faith, but no warranty, expressed or implied is made

WESTCOAST DRILLING SUPPLIES LTD. 8069 River Way, Delta, British Columbia, Carrada V4¢ 1L3 Ph. (604) 940-6050 Fax (604) 940-6080

EMEROENCY 1-800-665-6645

SECTION I: IDENTIFICATION OF PRODUCT

PRODUCT NAME:

550X® POLYMER

CHEMICAL FAMILY:

Anionic water soluble polymer

PRODUCT USB:

Drilling mud additive

WHMIS CLASSIFICATION:

Not WHMIS regulated

TRANSPORTATION OF DANGEROUS GOODS (TDGR)

CLASSIFICTION:

Not applicable

PACKAGE GROUP: UN NUMBER (PIN)

Not applicable Not applicable

SECTION II: HAZARDOUS INGREDIENTS

INGREDIENT

PERCENTAGE

CAS NUMBER

LD50

LC50

Copolymer of Acrylamide and

25085-02-3

Sodium Acrylate

Acrylamide

0.1000

79-06-1

SECTION III: HEALTH HAZARDS

ROUTES OF ENTRY

[XXX] Skin

[XXX] Bye Contact

[XXX] Inhalation

[XXX] Ingestion

THRESHOLD LIMIT VALVE:

SKIN CONTACT:

Not determined

No effects of exposure expected due to contact.

Prolonged contact may cause slight skin irritation or dormatitis in

EYE CONTACT:

No effects of exposure expected with the exception of mechanical

irritation.

INGESTION:

No adverse effects expected,

Product may swell in throat causing choking.

INHALATION:

May cause sneezing, slight irritation of nose and throat.

SECTION IV: FIRST AID MEASURES

SKIN CONTACT:

Wash with soap and water as a precaution. In case of persistent skin

icritation, consult a physician,

BYE CONTACT:

Rinse thoroughly with plenty of water, also under the cyclid. In case

of persistent eye irritation, consult a physician.

INGESTION:

The product is not considered toxic based on studies on laboratory

animals. Do not induce vomiting, give 2-3 glasses of water. Move to fresh air. If not breathing give artificial respiration.

INHALATION:

Seek medical attention,

WESTCOAST DRILLING SUPPLIES LTD. 8069 River Way, Delta, British Columbia, Canada V46 1L3 Ph. (604) 940-6050 Fax (604) 940-6080

EMEROENCY 1-800-665-6645

550X® POLYMER

Page 2 of 4

SECTION V: PHYSICAL DATA

APPEARANCE

ODOR

SPECIFIC GRAVITY BOILING POINT (°C) MELTING POINT (°C)

SOLUBILITY IN WATER PERCENT VOLATILE BY VOLUME

EVAPORATION RATE VAPOR PRESSURE (mm Hg) VAPOR DENSITY (Air=1)

White granular solid

None

0.8 at 25° C (77 F) Not applicable Not determined Forms a gel Not determined

Not determined Not determined Not determined

4-9@5g/L

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT

FLAMMABLE LIMITS

EXTINGUISHING MEDIA

SPECIAL FIRE FIGHTING

PROCEDURES

UNUSUAL FIRE AND EXPLOSION

HAZARDS

93° C (200 F) Not determined

Dry Chemical, Carbon Dioxide

Aqueous solutions or powders that become wet render surfaces

extremely slippory,

No special equipment required.

1

SECTION VII: REACTIVITY DATA

STABILITY

[XXX] Stable

] Unstable

INCOMPATIBILITY (Conditions to avoid) Oxidizing agents

CONDITIONS OF REACTIVITY

HAZARDOUS DECOMPOSITION

PRODUCTS

HAZARDOUS POLYMERIZATION

Not known

NOx, COx

[XXX] Will not occur

[] May occur

WESTCOAST DRILLING SUPPLIES LTD. 8069 River Way, Delta, British Columbia. Canada V4G 1L3 Ph. (604) 940-6050 Fax (604) 940-6080

EMEROENCY 1-800-665-6645

550X® POLYMER

Page 3 of 4

SECTION VIII: PREVENTIVE MEASURES

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

Dust masks are recommended where concentration of total

dust is more than 10 mg/m3

VENTILATION

General mechanical Chemically resistant

PROTECTIVE GLOVES EYE PROTECTION

Safety glasses with side shields

OTHER PROTECTIVE EQUIPMENT (Specify)

Not known

ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE THE MATERIAL IS SPILLED OR RELEASED

Do not flush with water. Clean up promptly by sweeping or vacuum Keep in suitable and closed containers for disposal. After cleaning, flush away trace with water.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid contact with skin and eyes. Avoid dust formation. Do not breathe dust. Wash hands before breaks and at the end of the day. Keep in a cool dry place (0 - 30 °C)

WASTE DISPOSAL METHOD

Can be land filled or incinerated, when in compliance with local, provincial and federal regulations.

SECTION IX: TOXICOLOGICAL INFORMATION

CARCINOGENICITY

Not determined

REPRODUCTIVE TOXICITY

Not determined Not determined Not determined

TERATOGENICITY MUTAGENICITY

Not determined

DEVELOPMENTAL TOXICITY

CHRONIC BFFBCTS:

This product does not contain any ingredient designated by IARC, NTP, ACCIH or OSHA as probable or suspected human

carcinogens.

WESTCOAST DRILLING SUPPLIES LTD. 8069 River Way, Delta, British Columbia, Canada Vão 113 Ph. (604) 940-6050 Fax (604) 940-6080

EMERCENCY 1-800-665-6645

550X POLYMER

Page 4 of 4

SECTION X: PREPARATION

The information contained herein is given in good faith, but no warranty, expressed or implied is made.

DATE ISSUED: August, 2001

DATE REVISED: August, 1998

BY: Product Safety Committees

AMENDMENT HAZARDOUS INGREDIENTS (550X)

Material or component

WT% Hazard data

COPOLYACRYLAMIDE/SODIUM ACRYLATE Not considered hazardous

ENVIRONMENTAL

DEGRADABILITY/AQUATIC TOXICITY: OCTANOL/WATER PARTITION COEFFICIENT

WASTE DISPOSAL METHODS:

Not determined Not determined

Incincration and/or disposal in Chemical Landfill.

Disposet must comply with federal, provincial and local disposal or discharge laws.

RCRA STATUS OF UNUSED MATERIAL

IF DISCARDED:

HAZARDOUS WASTE NUMBER:

Not a "Hazardous Waste"

Not available

REPORTABLE QUANTITY:

THRESHOLD PLANNING QUANTITY:

TOXIC CHEMICAL RELEASE REPORTING:

BPA 40 CFR (CBRCLA 102):

EPA 40 CRF 355 (SBRA 301-304): EPA 40 CFR 372 (SERA 311-313): Not applicable Not applicable Not applicable

EPA HAZARD CLASSIFICATION CODE:

ACUTE - Yes

CHRONIC - No

FIRE - No

PRESSURE - No

1

. 0

NFPA

REACTIVE - No

HMIS AND NFPA RATINGS:

HEALTH

FLAMMABILITY REACTIVITY

SPECIAL

HMIS

Not applicable

Not applicable



Material Safety Data Sheet

Section 1. Product and Company Identification

Product Name

Calcium Chloride, Dihydrate

Manufacturer

EMD Chemicals Inc. P.O. Box 70 480 Democrat Road Gibbstown, NJ 08027

Prior to January 1, 2003 EMD Chemicals Inc. was EM Industries, Inc. or EM Science, Division of EM Industries,

Inc.

For More Information Call 856-423-6300 Technical Service Monday-Friday: 8:00 AM - 5:00 PM

Synonym Material Uses Chemical Family CALCIUM CHLORIDE Analytical reagent. Inorganic salt In Case of Emergency Call

Product Code

Effective Date

800-424-9300 CHEMTREC (USA) 613-996-6666 CANUTEC (Canada) 24 Hours/Day: 7 Days/Week

CX0134

8/20/2004

Section 2. Composition and Information on Ingredients

Component

CAS#

% by Weight

CALCIUM CHLORIDE, DIHYDRATE

10035-04-8

100

Section 3. Hazards Identification

Physical State and

Solid. (Powder or flakes solid. Granular solid.)

Appearance

Emergency Overview

CAUTION!

CAUSES EYE IRRITATION.

MAY CAUSE SKIN IRRITATION.

Routes of Entry

Absorbed through skin. Dermal contact. Eye contact. Inhalation. Ingestion.

Potential Acute Health Effects

Eyes Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

Skin May be hazardous in case of skin contact (irritant). Skin inflammation is characterized by itching, scaling,

reddening, or, occasionally, blistering.

Inhalation No known acute effects of this product resulting from inhalation.
Ingestion Irritating to mouth, throat and stomach. Ingestion can cause nausea and vomiting.

Potential Chronic Health Effects

Carcinogenic Effects This material is not known to cause cancer in animals or humans.

Additional information See Toxicological Information (section 11)

Medical Conditions

Aggravated by Overexposure: Repeated or prolonged exposure is not known to aggravate medical condition.

Section 4. First Aid Measures

Eye Contact

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water

for at least 15 minutes. Cold water may be used. Get medical attention immediately.

Skin Contact

In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient.

Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse.

Thoroughly clean shoes before reuse. Get medical attention.

Inhalation

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give

oxygen. Get medical attention.

Ingestion

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

Loosen tight clothing such as a collar, tie, belt or waistband.

Section 5. Fire Fighting Measures

Flammability of the Product May be combustible at high temperature.

Auto-ignition Temperature Not available.

Flash Points

Not available.

Flammable Limits

Not available.

Products of Combustion

These products are carbon oxides (CO, CO2), halogenated compounds. Some metallic oxides.

Fire Hazards in Presence of Not available.

Various Substances

Explosion Hazards in

Risks of explosion of the product in presence of static discharge: No.

Presence of Various

Risks of explosion of the product in presence of mechanical impact: No.

Substances Fire Fighting Media

SMALL FIRE: Use DRY chemical powder.

and Instructions Protective Clothing (Fire) LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire

Be sure to use an approved/certified respirator or equivalent.

Hazards

Special Remarks on

Not available. Not available

Explosion Hazards

Section 6. Accidental Release Measures

Small Spill and Leak

Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Large Spill and Leak

Use a shovel to put the material into a convenient waste disposal container.

Spill Kit Information

No specific spill kit required for this product.

Section 7. Handling and Storage

Handling

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not ingest. Do not

Storage

Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8. Exposure Controls/Personal Protection

Engineering Controls

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection

Eyes Splash goggles. Body Lab coat.

Respiratory Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.

Hands Gloves.

Feet Not applicable

Protective Clothing (Pictograms)



Personal Protection in Case Splash goggles. Full suit, Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a of a Large Spill

specialist BEFORE handling this product.

Product Name CALCIUM CHLORIDE, DIHYDRATE **Exposure Limits** Not available.

Section 9. Physical and Chemical Properties

Odor Not available.

Color

Solid. (Powder or flakes solid. Granular solid.) Physical State and

Soluble in water

Appearance

Solubility

Molecular Weight 147.02 g/mole CaCl2.2H2O Molecular Formula Not available. Not available. Boiling/Condensation Point Melting/Freezing Point Not available.

Not available. Specific Gravity Not available. Vapor Pressure Vapor Density Not available. Odor Threshold Not available. Not available **Evaporation Rate** LogKow Not available.

Section 10. Stability and Reactivity

Stability and Reactivity Conditions of Instability The product is stable. Not available.

Incompatibility with

Reactive with metals, moisture.

Various Substances Rem/Incompatibility

Not available.

Hazardous Decomposition

These products are halogenated compounds.

Products

Hazardous Polymerization Will not occur.

Section 11. Toxicological Information

RTECS Number:

Calcium Chloride, Dihydrate

EV9810000

Toxicity

LD50: Not available. LC50: Not available.

Chronic Effects on Humans Not available.

Acute Effects on Humans

Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching. May be hazardous in case of skin contact (irritant). Skin inflammation is characterized by

itching, scaling, reddening, or, occasionally, blistering.

Synergetic Products

(Toxicologically) Irritancy

Draize Test: Not available.

Sensitization

Not available.

Not available.

Carcinogenic Effects

This material is not known to cause cancer in animals or humans.

Toxicity to Reproductive System

Not available.

Teratogenic Effects Mutagenic Effects

Not available. Tests on laboratory animals for mutagenic effects are cited in Registry of Toxic Effects of Chemical

Substances (RTECS)

Section 12. Ecological Information

Ecotoxicity **BOD5** and COD

Not available. Not available.

Toxicity of the Products of The products of degradation are more toxic than the product itself.

Biodegradation

Section 13. Disposal Considerations

EPA Waste Number

Not available.

Treatment

Material does not have an EPA Waste Number and is not a listed waste, however consultation with a permitted waste disposal site (TSD) should be accomplished. Always contact a permitted waste disposal

(TSD) to assure compliance with all current local, state, and Federal Regulations.

Section 14. Transport Information

DOT Classification

Proper Shipping Name: CHEMICALS, N.O.S.

TDG Classification

RQ: Not applicable. Not available.

IMO/IMDG

Proper Shipping Name: CHEMICALS, N.O.S.

Classification

RQ: Not applicable.

ICAO/IATA Classification Not available.

+ Section 15. Regulatory Information

U.S. Federal Regulations

TSCA 8(b) inventory: Calcium Chloride, Dihydrate

SARA 302/304/311/312 extremely hazardous substances: No products were found. SARA 302/304 emergency planning and notification: No products were found. SARA 302/304/311/312 hazardous chemicals: Calcium Chloride, Dihydrate

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Calcium Chloride,

Dihydrate: Immediate (Acute) Health Hazard

SARA 313 toxic chemical notification and release reporting: No products were found.

Clean Water Act (CWA) 307: No products were found. Clean Water Act (CWA) 311: No products were found.

Clean air act (CAA) 112 accidental release prevention: No products were found. Clean air act (CAA) 112 regulated flammable substances: No products were found. WHMIS (Canada)

Clean air act (CAA) 112 regulated toxic substances: No products were found.

Class D-2B: Material causing other toxic effects (TOXIC).

CEPA DSL: CALCIUM CHLORIDE

This product has been classifed in accordance with the hazard criteria of the Controlled Product

Regulations and the MSDS contains all required information.

International Regulations

EINECS

Not available.

DSCL (EEC)

R38- Irritating to skin.

R41- Risk of serious damage to eyes.

International Lists Austra

Australia (NICNAS): Calcium Chloride, Dihydrate

Japan (MITI): Calcium Chloride, Dihydrate

Philippines (RA6969): Calcium Chloride, Dihydrate

China: No products were found.

State Regulations

No products were found. California prop. 65: No products were found.

Section 16. Other Information

National Fire Protection Association

(U.S.A.)

Health 0 0

Fire Hazard

Reactivity

Specific Hazard

Changed Since Last

Revision

Notice to Reader

The statements contained herein are based upon technical data that EMD Chemicals Inc. believes to be reliable, are offered for information purposes only and as a guide to the appropriate precautionary and emergency handling of the material by a properly trained person having the necessary technical skills. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use, storage and disposal of these materials and the safety and health of employees and customers and the protection of the environment. EMD CHEMICALS INC. MAKES NO REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE, WITH RESPECT TO THE INFORMATION HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS.