

World Headquarters
Hach Company
P.O.Box 389
Loveland, CO USA 80539
(970) 669-3050

MSDS No: M03217

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: DPD-CHLORINE - LR

Catalog Number: 2635300

Hach Company
P.O.Box 389
Loveland, CO USA 80539
(970) 669-3050

Emergency Telephone Numbers:
(Medical and Transportation)
(303) 623-5716 24 Hour Service
(515)232-2533 8am - 4pm CST

MSDS Number: M03217

Chemical Name: Not Applicable

CAS Number: Not applicable

Additional CAS No. (for hydrated forms): Not applicable

Chemical Formula: Not Applicable

Chemical Family: Not applicable

Intended Use: Standard, Instrument Verification

2. HAZARDS IDENTIFICATION

GHS Classification:

Hazard categories: Not applicable

GHS Label Elements:

Not applicable

Hazard statements: Not applicable

Precautionary statements: Not applicable

HMIS:

Health: 0

Flammability: 1

Reactivity: 0

Protective Equipment: Not applicable

NFPA:

Health: 0

Flammability: 1

Reactivity: 0

Symbol: None

WHMIS Hazard Classification: Not applicable

WHMIS Symbols: Not applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Components according to GHS: No

Silicone Rubber

CAS Number: Not applicable

Chemical Formula: Not applicable

GHS Classification: Not hazardous per GHS classification criteria

Percent Range: 90.0 - 100.0

Percent Range Units: weight / weight

PEL: Not established

TLV: Not established

WHMIS Symbols: Not applicable

Powdered Dyes, Each

CAS Number: Not applicable

Chemical Formula: Not applicable

GHS Classification: Not hazardous per GHS classification criteria

Percent Range: < 10.0

Percent Range Units: weight / weight

PEL: Not Established

TLV: Not Established

WHMIS Symbols: Not applicable

4. FIRST AID MEASURES

General Information: In the event of exposure, show this Material Safety Data Sheet and label (where possible) to a doctor.

Advice to doctor: Treat symptomatically.

This product is a manufactured article as defined in 29 CFR 1910.1200.

Eye Contact: Not applicable

Skin Contact (First Aid): Not applicable

Inhalation: None required.

Ingestion (First Aid): Not applicable

5. FIRE FIGHTING MEASURES

Flammable Properties: Can burn in fire, releasing toxic vapors.

Fire Fighting Instruction: As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

Extinguishing Media: Alcohol foam. Carbon dioxide Dry chemical. Water fog

Extinguishing Media NOT To Be Used: Not applicable

Fire / Explosion Hazards: Do not expose to flames.

Hazardous Combustion Products: carbon monoxide, carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Spill Response Notice:

Not applicable

Containment Technique: Not applicable

Clean-up Technique: Not applicable

Evacuation Procedure: Not applicable

DOT Emergency Response Guide Number: Not applicable

7. HANDLING AND STORAGE

Handling: Maintain general industrial hygiene practices when using this product.

Storage: Do not store in direct sunlight.

Flammability Class: Not applicable

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Not applicable

Personal Protective Equipment:

Eye Protection: Not applicable

Skin Protection: Not applicable

Inhalation Protection: Not applicable

Precautionary Measures: Not applicable

TLV: Not applicable

PEL: Not applicable

For Occupational Exposure Limits (OEL) for ingredients, see section 3 - Composition/Information on Ingredients.:

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Glass vial with screw cap closure containing: Pink gel

Physical State: Sealed can, canister or tube

Molecular Weight: Not applicable

Odor: None

Odor Threshold: Odorless

pH: Not applicable

Metal Corrosivity:

Corrosivity Classification: Not classified as corrosive to metals according to GHS criteria.

Steel: Not applicable

Aluminum: Not applicable

Specific Gravity/ Relative Density (water = 1; air = 1): Not determined

Viscosity: Not available

Solubility:

Water: Insoluble

Acid: Not applicable

Other: Not applicable

Partition Coefficient (n-octanol / water): Not applicable

Coefficient of Water / Oil: Not available

Melting Point: Not determined

Decomposition Temperature: Not available

Boiling Point: Not available

Vapor Pressure: Not applicable

Vapor Density (air = 1): Not applicable

Evaporation Rate (water = 1): Not applicable

Volatile Organic Compounds Content: Not applicable

Flammable Properties: Can burn in fire, releasing toxic vapors.

Flash Point: Not available

Method: Not applicable

Flammability Limits:

Lower Explosion Limits: Not applicable

Upper Explosion Limits: Not applicable

Autoignition Temperature: Not applicable

Explosive Properties:

Not classified according to GHS criteria.

Oxidizing Properties:

Not classified according to GHS criteria.

Reactivity Properties:

Not classified as self-reactive, pyrophoric, self-heating or emitting flammable gases in contact with water according to GHS criteria.

Gas under Pressure:

Not classified according to GHS criteria.

10. STABILITY AND REACTIVITY

Chemical Stability: Not applicable

Mechanical Impact: Not applicable

Static Discharge: Not applicable

Reactivity / Incompatibility: Not applicable

Hazardous Decomposition: Heating to decomposition releases toxic fumes of carbon monoxide and carbon dioxide.

Conditions to Avoid: Exposure to direct sunlight. Flames

11. TOXICOLOGICAL INFORMATION

Toxicokinetics, Metabolism and Distribution: Item is an article. No health effects are anticipated in normal use.

Toxicologically Synergistic Products: Not applicable

Acute Toxicity: Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity - Single Exposure (STOT-SE): Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity - Repeat Exposure (STOT-RE): Based on classification principles, the classification criteria are not met.

Skin Corrosion/Irritation: Based on classification principles, the classification criteria are not met.

Eye Damage: Based on classification principles, the classification criteria are not met.

Sensitization: Based on classification principles, the classification criteria are not met.

CMR Effects/Properties (carcinogenic, mutagenic or toxic to reproduction): Based on classification principles, the classification criteria are not met.

Not applicable

Symptoms/Effects:

Ingestion: No Effects Anticipated

Inhalation: No effects anticipated

Skin Absorption: No effects anticipated

Chronic Effects: Not applicable

Medical Conditions Aggravated: Not applicable

12. ECOLOGICAL INFORMATION

Product Ecological Information: Not applicable

Ingredient Ecological Information: Not applicable

13. DISPOSAL CONSIDERATIONS

EPA Waste ID Number: Not applicable

Special Instructions (Disposal): Check with local municipal and state authorities and waste contractors for pertinent local information regarding the proper disposal of chemicals.

Empty Containers: Not applicable

NOTICE (Disposal): Not applicable

14. TRANSPORT INFORMATION

D.O.T.:

D.O.T. Proper Shipping Name: Not applicable

Hazard Class: Not applicable

Subsidiary Risk: Not applicable

ID Number: Not applicable

Packing Group: Not applicable

T.D.G.:

Proper Shipping Name: Not Currently Regulated

Hazard Class: Not applicable

Subsidiary Risk: Not applicable

UN Number/PIN: Not applicable

Packing Group: Not applicable

I.C.A.O.:

I.C.A.O. Proper Shipping Name: Not applicable

Hazard Class: Not applicable

Subsidiary Risk: Not applicable

ID Number: Not applicable

Packing Group: Not applicable

I.M.O.:

Proper Shipping Name: Not applicable

Hazard Class: Not applicable

Subsidiary Risk: Not applicable

ID Number: Not applicable

Packing Group: Not applicable

Additional Information: Not applicable

15. REGULATORY INFORMATION

U.S. Federal Regulations:

O.S.H.A.: This product is an "Article" as defined in the Hazard Communication Standard (29 CFR. 1910.1200)

E.P.A.:

S.A.R.A. Title III Section 311/312 Categorization (40 CFR 370): This product is not hazardous under 29 CFR.1910.1200 and therefore is not covered by Title III under SARA.

S.A.R.A. Title III Section 313 (40 CFR 372): Not applicable

302 (EHS) TPQ (40 CFR 355): Not applicable

304 CERCLA RQ (40 CFR 302.4): Not applicable

304 EHS RQ (40 CFR 355): Not applicable

Clean Water Act (40 CFR 116.4): Not applicable

RCRA: This is an article. Contains no listed RCRA substances.

State Regulations:

California Prop. 65: Not applicable

Identification of Prop. 65 Ingredient(s): Not applicable

California Perchlorate Rule CCR Title 22 Chap 33: Not applicable

Trade Secret Registry: Not applicable

National Inventories:

U.S. Inventory Status: Article exemption. All ingredients within are listed on the TSCA 8(b) Inventory (40CFR710).

CAS Number: Not applicable

Canadian Inventory Status: Article exemption. All components within are DSL Listed.

EEC Inventory Status: Article exemption. All ingredients within are listed on EINECS/ELINCS.

Australian Inventory (AICS) Status: Not Required - Article (NICNAS Handbook for Notifiers- App 9)

New Zealand Inventory (NZIoC) Status: Not listed - exempt. Article.

Korean Inventory (KECI) Status: Not listed - exempt. Article.

Japan (ENCS) Inventory Status: Not listed - exempt. Article.

China (PRC) Inventory (MEP) Status: Not listed - exempt. Article.

16. OTHER INFORMATION

References: 29 CFR 1900 - 1910 (Code of Federal Regulations - Labor).

Complete Text of H phrases referred to in Section 3:

Revision Summary: New MSDS Substantial revision to comply with EU Reg 1272/2008, Reg 1907/2006 and UN GHS (ST/SG/AC.10/36/Add.3).

Date of MSDS Preparation:

Day: 18

Month: June

Year: 2014

MSDS Prepared: MSDS prepared by Product Compliance Department extension 3350

CCOHS Evaluation Note: It is offered under exemption from WHMIS labeling as specified in the Controlled Products Regulation (CPR) Section 17.

Legend:

| | |
|---------------------|---------------------|
| NA - Not Applicable | w/w - weight/weight |
| ND - Not Determined | w/v - weight/volume |
| NV - Not Available | v/v - volume/volume |

USER RESPONSIBILITY: Each user should read and understand this information and incorporate it in individual site safety programs in accordance with applicable hazard communication standards and regulations.

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED TO BE ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

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