

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.
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