

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

ND - Not Determined

NV - Not Available

w/w - weight/weight

w/v - weight/volume

v/v - volume/volume

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Date Printed 4/8/15
MSDS No: M03217*

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.

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