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

NFP:
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.:
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 315 (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

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
CCHHS 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
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.