

SAFETY DATA SHEET

Preparation Date: 8/1/2018

Revision Date: 8/1/2018

Revision Number: G1

1. IDENTIFICATION

Product identifier

Product code: C1026
Product Name: CADMIUM CHLORIDE, HYDRATED. CRYSTAL, REAGENT

Other means of identification

Synonyms: Cadmium chloride, hydrate (2:5)chloride hemipentahydrate
CAS #: 7790-78-5
RTECS # EV0178000
Cl#: Not available

Recommended use of the chemical and restrictions on use

Recommended use: No information available.
Uses advised against No information available

Supplier: Spectrum Chemical Mfg. Corp
 14422 South San Pedro St.
 Gardena, CA 90248
 (310) 516-8000

Order Online At: <https://www.spectrumchemical.com>

Emergency telephone number Chemtrec 1-800-424-9300

Contact Person: Martin LaBenz (West Coast)

Contact Person: Ibad Tirmiz (East Coast)

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous according to the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Considered a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Acute toxicity - Oral	Category 3
Acute toxicity - Inhalation (Dusts/Mists)	Category 2
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1A
Reproductive toxicity	Category 1B
Specific target organ toxicity (repeated exposure)	Category 1

Label elements

Danger

Hazard statements

Toxic if swallowed
 Fatal if inhaled

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May cause genetic defects
May cause cancer
May damage fertility or the unborn child
Causes damage to organs through prolonged or repeated exposure



Hazards not otherwise classified (HNOC)

Not Applicable

Other hazards

Very toxic to aquatic life with long lasting effects

Very toxic to aquatic life

Precautionary Statements - Prevention

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Wear protective gloves/protective clothing/eye protection/face protection

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Do not breathe dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area

Wear respiratory protection

Precautionary Statements - Response

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

Rinse mouth

Precautionary Statements - Storage

Store locked up

Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	Weight %
Cadmium Chloride, hydrated	7790-78-5	100

4. FIRST AID MEASURES

First aid measures

General Advice:

National Capital Poison Center in the United States can provide assistance if you have a poison emergency and need to talk to a poison specialist. Call 1-800-222-1222. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. First aider needs to protect himself.

Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothing and shoes. Get medical attention if irritation develops. Consult a physician if necessary.

Eye Contact: Flush eyes with water for 15 minutes. Get medical attention if irritation occurs. If symptoms persist, call a physician.

Inhalation: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. **WARNING!** It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled or ingested material is toxic, infectious or corrosive. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Get medical attention.

Ingestion: Toxic if swallowed. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Immediate medical attention is required. Call a physician immediately.

Most important symptoms and effects, both acute and delayed

Symptoms Ingestion may cause nausea, vomiting, and diarrhea
May cause edema and swelling of the throat
Hypotension
May cause pulmonary edema
Increased blood prothrombin (clotting) time
May affect the liver
It may affect the kidneys

Indication of any immediate medical attention and special treatment needed

Notes to Physician: Treat symptomatically.

Protection of first-aiders

First-Aid Providers: Avoid exposure to blood or body fluids. Wear gloves and other necessary protective clothing. Dispose of contaminated clothing and equipment as bio-hazardous waste.

5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: The product is not flammable. If it is involved in a fire, extinguish the fire using an agent suitable for the type of surrounding fire.

Unsuitable Extinguishing Media: No information available.

Specific hazards arising from the chemical

Hazardous Combustion Products: If it is involved in a fire the following can be released: Cadmium. Hydrogen chloride.

Specific hazards: No information available.

Special Protective Actions for Firefighters

Specific Methods: No information available.

Special Protective Equipment for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions: Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid dust formation. Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Environmental precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk. Cover with plastic sheet to prevent spreading.

Methods for cleaning up Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

Technical Measures/Precautions:

Provide sufficient air exchange and/or exhaust in work rooms. Keep away from incompatible materials.

Safe Handling Advice

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Keep away from heat and sources of ignition. Do not ingest. Do not breathe dust. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Technical Measures/Storage Conditions:

Hygroscopic. Protect from moisture. Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container. Store away from incompatible materials. Store in a segregated and approved area.

Incompatible Materials:

Oxidizing agents
Bromine trifluoride
Potassium

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

National occupational exposure limits

United States

Components	CAS-No.	OSHA	NIOSH	ACGIH	AIHA WEEL
Cadmium Chloride, hydrated	7790-78-5	None	None	0.01 mg/m ³ TWA (as Cd); 0.002 mg/m ³ TWA (respirable particulate matter, as Cd) (for Cadmium compounds)	None

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Canada

Components	CAS-No.	Canada - Alberta	Canada - British Columbia	Canada - Ontario	Canada - Quebec
Cadmium Chloride, hydrated	7790-78-5	0.002 mg/m ³ TWA (respirable, as Cd) (for Cadmium compounds)	0.01 mg/m ³ TWA (as Cd); 0.002 mg/m ³ TWA (respirable, as Cd) (for Cadmium compounds)	0.01 mg/m ³ TWA (as Cd); 0.002 mg/m ³ TWA (respirable, as Cd) (for Cadmium compounds)	0.025 mg/mg TWAEV (as Cd) (for Cadmium compounds)

Australia and Mexico

Components	CAS-No.	Australia	Mexico
Cadmium Chloride, hydrated	7790-78-5	None	0.01 mg/m ³ TWA (total dust, as Cd); 0.002 mg/mg TWA (respirable dust, as Cd) (for Cadmium compounds)

Appropriate engineering controls

Engineering measures to reduce exposure:

Ensure adequate ventilation. 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.

Individual protection measures, such as personal protective equipment

Personal Protective Equipment

Eye protection:	Safety glasses with side-shields or Goggles
Skin and body protection:	Chemical resistant apron Gloves Long sleeved clothing
Respiratory protection:	Wear respirator with dust filter. Be sure to use an approved/certified respirator or equivalent.
Hygiene measures:	Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:
Solid

Appearance:
Crystals.

Color:
White.

Odor:
Odorless.

Taste
No information available.

Formula:
CdCl₂·2-1/2 H₂O

Molecular/Formula weight (g/mole):
228.35

Flammability:
No information available

Flashpoint (°C/°F):
No information available.

Flash Point Tested according to:
Not available

Autoignition Temperature (°C/°F):
No information available

Lower Explosion Limit (%):
No information available

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Upper Explosion Limit (%):
No information available

Melting point/range(°C/°F):
No information available

Decomposition temperature(°C/°F):
No information available

Boiling point/range(°C/°F):
No information available

Bulk density:
No information available

Density (g/cm³):
3.327

Specific gravity:
No information available

pH:
No information available

Vapor pressure @ 20°C (kPa):
No information available

Evaporation rate:
No information available

Vapor density:
No information available

VOC content (g/L):
No information available

Odor threshold (ppm):
No information available

**Partition coefficient
(n-octanol/water):**
No information available

Viscosity:
No information available

Miscibility:
No information available

Solubility:
Freely soluble in water

10. STABILITY AND REACTIVITY

Reactivity

No information available

Chemical stability

Stability: Hygroscopic. Stable under recommended storage conditions.

Possibility of Hazardous Reactions: Hazardous polymerization does not occur

Conditions to avoid: Heat. Avoid dust formation. Exposure to moisture. Exposure to moist air. Incompatible materials.

Incompatible Materials: Oxidizing agents
Bromine trifluoride
Potassium

Hazardous decomposition products: When heated to decomposition it emits very toxic fumes. Cadmium. Hydrogen chloride.

Other Information

Corrosivity: No information available

Special Remarks on Corrosivity: No information available

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Principal Routes of Exposure:
Ingestion. Inhalation. Skin.

Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document
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Cadmium Chloride, hydrated	
CAS-No.	7790-78-5

LD50/oral/rat = 665 mg/kg Oral LD50 Rat
LD50/oral/mouse = No information available
LD50/dermal/rabbit = No information available
LD50/dermal/rat = No information available
LC50/inhalation/rat = No information available
LC50/inhalation/mouse = No information available
Other LD50 or LC50 information = No information available

Product Information

LD50/oral/rat =
VALUE- Acute Tox Oral = 665 mg/kg

LD50/oral/mouse =
Value - Acute Tox Oral = No information available

LD50/dermal/rabbit
VALUE-Acute Tox Dermal = No information available

LD50/dermal/rat
VALUE -Acute Tox Dermal = No information available

LC50/inhalation/rat
VALUE-Vapor = No information available
VALUE-Gas = No information available
VALUE-Dust/Mist = No information available

LC50/Inhalation/mouse
VALUE-Vapor = No information available
VALUE - Gas = No information available
VALUE - Dust/Mist = No information available

Symptoms

Skin Contact: May cause skin irritation.

Eye Contact: May cause eye irritation.

Inhalation Fatal if inhaled. May cause irritation of respiratory tract.

Ingestion Toxic if swallowed. Ingestion may cause nausea, vomiting, diarrhea. May affect the cardiovascular system (hypotension). May affect the blood (blood coagulation time - increased prothrombin and partial thromboplastin times). May cause pulmonary edema. May cause edema and swelling of the throat.

Ingestion: Swelling of the neck and generalized swelling

Aspiration hazard No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Chronic Toxicity Chronic exposure may affect the liver and kidneys.

Sensitization: No information available.

Mutagenic Effects: No information available

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Carcinogenic effects: May cause cancer.

Components	CAS-No.	IARC	ACGIH - Carcinogens	NTP	OSHA HCS - Carcinogens	Australia - Notifiable Carcinogenic Substances	Australia - Prohibited Carcinogenic Substances
Cadmium Chloride, hydrated	7790-78-5	Group 1 - Carcinogenic to humans - Monograph 58 [1993] Cadmium and cadmium compounds	Not listed	Not listed	Not listed	Not listed	Not listed

ACGIH (American Conference of Governmental Industrial Hygienists)

IARC (International Agency for Research on Cancer)

NTP (National Toxicology Program)

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

Reproductive toxicity May damage fertility or the unborn child

Reproductive Effects: No information available

Developmental Effects: No information available

Teratogenic Effects: No information available

Specific Target Organ Toxicity

STOT - single exposure No information available.

STOT - repeated exposure Causes damage to organs through prolonged or repeated exposure.

Target Organs: Respiratory system. Kidneys. Blood.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects: No data available.

Persistence and degradability: No information available

Bioaccumulative potential: No information available.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

Waste from residues / unused products:

Waste must be disposed of in accordance with Federal, State and Local regulation.

Contaminated packaging:

Empty containers should be taken for local recycling, recovery or waste disposal

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Components	CAS-No.	RCRA - F Series Wastes	RCRA - K Series Wastes	RCRA - P Series Wastes	RCRA - U Series Wastes
Cadmium Chloride, hydrated	7790-78-5	None	None	None	None

14. TRANSPORT INFORMATION

DOT

UN-No: UN2570
Proper Shipping Name: Cadmium compounds(cadmium chloride)
Hazard Class: 6.1
Subsidiary Class: No information available
Packing group: III
Emergency Response Guide Number: 154
Marine Pollutant: No data available
DOT RQ (lbs): No information available
Special Provisions: IB8, IP3, T1, TP33
Symbol(s): [DOT]: (G) - Identifies proper shipping names for which one or more technical names of the hazardous material must be entered in parentheses, in association with the basic description.
Description: UN2570, Cadmium compounds (Cadmium Chloride, hydrated), 6.1, III

TDG (Canada)

UN-No: UN2570
Proper Shipping Name: Cadmium compound
Hazard Class: 6.1
Subsidiary Risk: No information available
Packing Group: III
Marine Pollutant: No Information available
Description: UN2570, Cadmium compound, 6.1, III

ADR

UN-No: UN2570
Proper Shipping Name: Cadmium compound
Hazard Class: 6.1
Packing Group: III
Subsidiary Risk: No information available
Special Provisions: 274, 596
Description: UN2570, Cadmium compound (Cadmium Chloride, hydrated), 6.1, III, ENVIRONMENTALLY HAZARDOUS

IMO / IMDG

UN-No: UN2570
Proper Shipping Name: Cadmium compounds(cadmium chloride)
Hazard Class: 6.1
Subsidiary Risk: No information available
Packing Group: III
Marine Pollutant: No information available
EMS: F-A
Special Provisions: 223, 274
Description: UN2570, Cadmium compound (CADMIUM CHLORIDE, HYDRATED), 6.1, III, Marine pollutant

RID

UN-No: UN2570
Proper Shipping Name: Cadmium compound
Hazard Class: 6.1

Product code: C1026

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Subsidiary Risk: No information available
Packing Group: III
Special Provisions 274, 596
Description: UN2570, Cadmium compound (Cadmium Chloride, hydrated), 6.1, III, ENVIRONMENTALLY HAZARDOUS

ICAO

UN-No: UN2570
Proper Shipping Name: Cadmium compound
Hazard Class: 6.1
Subsidiary Risk: No information available
Packing Group: III
Description: UN2570, Cadmium compound (Cadmium Chloride, hydrated), 6.1, III
Special Provisions A3, A5

IATA

UN-No: UN2570
Proper Shipping Name: Cadmium compound
Hazard Class: 6.1
Subsidiary Risk: No information available
Packing Group: III
ERG Code: 6L
Special Provisions No information available
Description: UN2570, Cadmium compound, 6.1, III

15. REGULATORY INFORMATION

International Inventories

Components	CAS-No.	U.S. TSCA	KOREA KECL	Philippines (PICCS)	Japan ENCS	CHINA	Australia (AICS)	EINECS-No.
<i>Cadmium Chloride, hydrated</i>	7790-78-5	Not listed. It is exempt from listing on the TSCA 8(b)Inventory since it is a hydrate. However, the anhydrous form (CAS no. 10108-64-2) is listed as ACTIVE on the TSCA 8(b) Inventory	Not present	Present	Not present	Not present	Present	Not present

U.S. Regulations

Cadmium Chloride, hydrated

- New Jersey RTK Hazardous Substance List:** sn 2199 (listed as Cadmium compounds)
- New Jersey (EHS) List:** SN 2199 500 lb. TPQ (listed as Cadmium compounds)
- New Jersey - Discharge Prevention - List of Hazardous Substances:** Present (listed as Cadmium compounds)
- Pennsylvania RTK - Environmental Hazard** (listed as Cadmium compounds)
- Pennsylvania RTK - Environmental Hazard List** Present (listed as Cadmium compounds)
- Minnesota - Hazardous Substance List:** Present (listed as Cadmium compounds)
- California Directors List of Hazardous Substances:** Present (listed as Cadmium compounds)

California Prop. 65: Safe Drinking Water and Toxic Enforcement Act of 1986.

Chemicals Known to the State of California to Cause Cancer:

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⚠️ WARNING: This product can expose you to chemicals including (see table below) which is (are) known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.

Chemicals Known to the State of California to Cause Reproductive Toxicity:

This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

Components	CAS-No.	Carcinogen	Developmental Toxicity	Male Reproductive Toxicity	Female Reproductive Toxicity:
Cadmium Chloride, hydrated	7790-78-5	Carcinogen (cadmium compounds)	Not Listed	Not Listed	Not Listed

CERCLA/SARA

Components	CAS-No.	CERCLA - Hazardous Substances and their Reportable Quantities	Section 302 Extremely Hazardous Substances and TPQs	Section 302 Extremely Hazardous Substances and RQs	Section 313 - Chemical Category	Section 313 - Reporting de minimis
<i>Cadmium Chloride, hydrated</i>	7790-78-5	10 lb final RQ 4.54 kg final RQ (for Cadmium chloride)	None	None	Cadmium compounds	0.1% de minimis concentration

U.S. TSCA

Components	CAS-No.	TSCA Section 5(a)2 - Chemicals With Significant New Use Rules (SNURS)	TSCA 8(d) -Health and Safety Reporting
Cadmium Chloride, hydrated	7790-78-5	Not Applicable	Not Applicable

Canada

WHMIS 2015 - GHS Classifications

WHMIS 2015 Hazard Classification Information:

Component
Cadmium Chloride, hydrated
7790-78-5 (100)

WHMIS 2015 Hazard Classification
Acute toxicity - Oral - Category 3: H301 Toxic if swallowed. (toxicity of Cadmium compounds is related to the presence of Cd(2+) ion and classification is based on toxicity of this particular ion and accounts for data available for Cadmium compounds); Germ cell mutagenicity - Category 2: H341 Suspected of causing genetic defects. (toxicity of Cadmium compounds is related to the presence of Cd(2+) ion and classification is based on toxicity of this particular ion and accounts for data available for Cadmium compounds); Carcinogenicity - Category 1A: H350 May cause cancer. (toxicity of Cadmium compounds is related to the presence of Cd(2+) ion and classification is based on toxicity of this particular ion and accounts for data available for Cadmium compounds); Reproductive Toxicity - Category 2: H361 Suspected of damaging fertility or the unborn child. (toxicity of Cadmium compounds is related to the presence of Cd(2+) ion and classification is based on toxicity of this particular ion and accounts for data available for Cadmium compounds); Specific target organ toxicity - Repeated exposure - Category 1: H372 Causes damage to organs through prolonged or repeated exposure. (toxicity of Cadmium compounds is related to the presence of Cd(2+) ion and classification is based on toxicity of this particular ion and accounts for data available for Cadmium compounds)
(for Cadmium Chloride anhydrous CAS no. 10108-64-2)

Canada Hazardous Products Regulation This product has been classified according to the hazard criteria of the HPR (Hazardous Products Regulation) and the SDS contains all of the information required by the HPR

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WHMIS 1988 Hazard Class

Non-controlled

Canada Controlled Products Regulation:

This product has been classified according to the hazard criteria of the CPR (Controlled Products Regulation) and the MSDS contains all of the information required by the CPR.

Inventory

Components	CAS-No.	Canada (DSL)	Canada (NDSL)
Cadmium Chloride, hydrated	7790-78-5	Not Listed	Not Listed

Components	CAS-No.	CEPA Schedule I - Toxic Substances
Cadmium Chloride, hydrated	7790-78-5	Not listed
Components	CAS-No.	CEPA - 2010 Greenhouse Gases Subject to Mandatory Reporting
Cadmium Chloride, hydrated	7790-78-5	Not listed

EU Classification**EU GHS - SV - CLP 1272/2008**

Components	CAS-No.	EU GHS - SV - CLP (1272/2008)
Cadmium Chloride, hydrated	7790-78-5	<p>Acute toxicity - Oral - Acute Tox. 3: H301 Toxic if swallowed. (Minimum classification); Acute toxicity - Inhalation - Acute Tox. 2: H330 Fatal if inhaled. (Minimum classification); Germ cell mutagenicity - Muta. 1B: H340 May cause genetic defects.; Carcinogenicity - Carc. 1B: H350 May cause cancer. (C >= 0.01 %; Concentration limits for acute toxicity cannot be translated into GHS from the DSD especially when minimum classifications are given); Reproductive Toxicity - Repr. 1B: H360FD May damage fertility. May damage the unborn child.; Specific target organ toxicity - Repeated exposure - STOT RE 1: H372 Causes damage to organs through prolonged or repeated exposure. (C >= 7 %; No information to prove exclusion of certain routes of exposure); Hazardous to aquatic environment - acute hazard - Aquatic Acute 1: H400 Very toxic to aquatic life.; Hazardous to aquatic environment - chronic hazard - Aquatic Chronic 1: H410 Very toxic to aquatic life with long lasting effects.048-008-00-3 Carcinogenicity - Carc. 1B: H350 May cause cancer. (C >= 0.01 %; Concentration limits for acute toxicity cannot be translated into GHS from the DSD especially when minimum classifications are given); Specific target organ toxicity - Repeated exposure - STOT RE 1: H372 Causes</p>

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		damage to organs through prolonged or repeated exposure. (C >= 7 %; No information to prove exclusion of certain routes of exposure); Specific target organ toxicity - Repeated exposure - STOT RE 2: H373 May cause damage to organs through prolonged or repeated exposure. (0.1 % <= C <7 %; Concentration limits for acute toxicity cannot be translated into GHS from the DSD especially when minimum classifications are given)048-008-00-3 (for Cadmium Chloride anhydrous CAS no. 10108-64-2)
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EU - CLP (1272/2008)

R-phrase(s)

- R25 - Toxic if swallowed.
- R26 - Very toxic by inhalation.
- R45 - May cause cancer.
- R46 - May cause heritable genetic damage.
- R50 - Very toxic to aquatic organisms.
- R53 - May cause long-term adverse effects in the aquatic environment.
- R60 - May impair fertility.
- R61 - May cause harm to the unborn child.

S -phrase(s)

- S53 - Avoid exposure - obtain special instructions before use.
- S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- S60 - This material and its container must be disposed of as hazardous waste.
- S61 - Avoid release to the environment. Refer to special instructions/safety data sheets.

Components	CAS-No.	Classification	Concentration Limits:	Safety Phrases
Cadmium Chloride, hydrated	7790-78-5	T; R25-48/23/25 T+; R26 Carc.Cat.2; R45 Muta.Cat.2; R46 N; R50-53 Repr.Cat.2; R60-61 (for Cadmium chloride anhydrous CAS no. 10108-64-2)	0.01%<=C Carc.Cat.2; R45 10%<=C T; R25 0.1%<=C<10% Xn; R22 7%<=C T; R48/23/25 0.1%<=C<7% Xn; R48/20/22 (for Cadmium chloride anhydrous CAS number 10108-64-2)	S: 53-45-60-61 (for Cadmium chloride anhydrous CAS no. 10108-64-2)

The product is classified in accordance with Annex VI to Directive 67/548/EEC

Indication of danger:

- T+ - Very toxic.
- T - Toxic
- Xn - Harmful.
- N - Dangerous for the environment.



16. OTHER INFORMATION

Preparation Date: 8/1/2018
Revision Date: 8/1/2018
Prepared by: Sonia Owen

Disclaimer:

All chemicals may pose unknown hazards and should be used with caution. This Safety Data Sheet (SDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. The physical properties reported in this SDS are obtained from the literature and do not constitute product specifications. Information contained herein does not constitute a warranty, whether expressed or implied, as to the safety, merchantability or fitness of the goods for a particular purpose. Spectrum Chemicals & Laboratory Products, Inc. assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, Spectrum assumes no responsibility for the completeness or accuracy of the information contained herein.

End of Safety Data Sheet