

Safety Data Sheet

Product No. 19953, 19953-1, 19953-17, 19956, 19956-8 Dricap® Desiccant

Issue Date (05-29-15)

Review Date (08-31-17)

Section 1: Product and Company Identification

Product Name: Dricap® Desiccant

Synonym:

Company Name

Ted Pella, Inc., P.O. Box 492477, Redding, CA 96049-2477

Inside USA and Canada 1-800-237-3526 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)

Outside USA and Canada 1-530-243-2200 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)

CHEMTREC USA and Canada Emergency Contact Number 1-800-424-9300 24 hours a day

CHEMTREC Outside USA and Canada Emergency Contact Number +1-703-741-5970 24 hours a day

Section 2: Hazard Identification

GHS Pictograms: None associated with this material.

GHS Categories: Not a hazardous substance or mixture.

GHS classification of the substance or mixture: Not a hazardous substance or mixture

Signal Word: None

Health Effects:

NFPA Hazard Rating: Health: ND; Fire: ND; Reactivity: ND

HMIS® Hazard Rating: Health: 1; Fire: 0; Reactivity: 0

(0=least, 1=Slight, 2=Moderate, 3=High, 4=Extreme)

Results of PBT and vPvB assessment: A chemical safety assessment has not been carried out.

PBT: NA

vPvB: NA

Emergency overview:

Appearance: A clear plastic cylinder containing a blue granular material that poses no hazard. There is no exposure to the contents of the cylinder. The silica gel is not combustible but the cylinder itself is combustible. This product is an article. Not a hazardous substance or mixture according to the Global Harmonized System (GHS).

Immediate effects:

Potential health effects

Primary Routes of entry:

Signs and Symptoms of Overexposure: NA

Eyes: None

Skin: None

Ingestion: Ingestion is unlikely, however, could cause blockage if it occurs. Get medical attention.

Inhalation: None

Chronic Exposure: None

Chemical Listed As Carcinogen or Potential Carcinogen: None

See Toxicological Information (Section 11)

Potential environmental effects

See Ecological Information (Section 12)

Section 3: Composition / Information on Ingredients

Principle Hazardous Component(s) (chemical and common name(s)) (Cas. No)	%	OSHA PEL mg/m³	ACGIH TLV mg/m³	NTP Carcinogen	IARC Carcinogen	OSHA regulated Carcinogen
Synthetic amorphous precipitated silica gel (SiO ₂) (112926-00-5) EC No: 231-545-4	85-95	NA	NA	No	3	No
Cobalt Chloride (7646-79-9) EC No: 231-589-4	.5	NA	NA	No	2B	No
Cellulose acetate propionate (9004-39-1) EC No: 618-383-3	5-15	NA	NA	No	No	No

Section 4: First Aid Measures

The following does not apply to the Dricap® cylinder but applies if the Dricap® is cut open and the person is exposed to the contents.

If accidental overexposure is suspected:

Eye(s) Contact: Rinse eyes well with water while lifting the eye lids. If irritation persists, consult a physician.

Skin Contact: Wash affected area with soap and water.

Inhalation: NA

Ingestion: Ingestion is unlikely, however, could cause blockage if it occurs. Get medical attention.

Note to physician

Treatment: NA

Medical Conditions generally Aggravated by Exposure: NA

Section 5: Fire Fighting Measures

Flash Point: NA

Flammable Limits: Not flammable.

Auto-ignition point: NA

Fire Extinguishing Media: Use extinguishing media that is appropriate for the surrounding fire. Silica gel is not combustible but the cylinder itself is combustible.

Fire Fighting Procedures: The silica gel is not combustible; however the cylinder itself is combustible.

Unusual Fire and Explosion Hazards: None.

Hazardous combustion products:

DOT Class: Not regulated.

Section 6: Accidental Release Measures

Steps to be taken in Case Material is Released or Spilled: Sweep or vacuum up and place the spilled material in a waste disposal container. Wash with soap and water after handling. Refer to Section 8 for personal protective equipment.

Waste Disposal Methods: Dispose of waste according to Federal, State and Local Regulations.

Section 7: Handling and Storage

Precautions to be taken in Handling and Storage: Minimize contact between the worker and the material.

Practice good hygienic work practices.

Storage temperature: Store in a cool, dry location. Keep in sealed containers away from moisture. The silica gel will readily adsorb moisture.

Storage Pressure: ND

Section 8: Exposure Controls / Personal Protection

Engineering Controls

Ventilation required: NA

Personal Protection Equipment

Respiratory protection: NA

Protective gloves: Protective gloves.

Skin protection: Protective gloves.

Eye protection: NA

Additional clothing and/or equipment:

Exposure Guidelines

See Composition/Information on Ingredients (Section 3)

Section 9 Physical and Chemical Properties

Appearance and Physical State: Clear cylinder containing a granular material.

Odor (threshold): None

Specific Gravity (H₂O=1): NA

Vapor Pressure (mm Hg): NA

Vapor Density (air=1): NA

Percent Volatile by volume: NA

Evaporation Rate (butyl acetate=1): NA

Boiling Point: NA

Freezing point / melting point: NA

pH: NA

Solubility in Water: Insoluble.

Molecular Weight: ND

Section 10: Stability and Reactivity

Stability: Stable

Conditions to Avoid: Moisture and high humidity environments will reduce the desiccating capacity.

Materials to Avoid (Incompatibility): Water, fluorine, oxygen difluoride, chlorine trifluoride.

Hazardous Decomposition Products: None.

Hazardous Polymerization: Will not occur.

Section 11: Toxicological Information

The following toxicological information refers to the contents of the cylinder. In normal use, there is no exposure to the contents.

Results of component toxicity test performed:

Animal Toxicology: Tests for DOT Hazard classification:

(Tests Conducted on finely ground silica gel)

1 - hour LC₅₀ (rat) > 2 mg / l

48 - hour oral LD₅₀ (rat) est. > 31,600 mg / kg

48 - hour dermal LD₅₀ (rabbit) est. > 2,000 mg / kg

- Considered an ocular irritant

Human experience: Silica gel is synthetic amorphous silica not to be confused with crystalline silica. Epidemiological studies indicate low potential for adverse health effects. In the activated form, silica gel acts as a desiccant and can cause a drying irritation of the mucous membranes and skin in cases of severe exposure. This product **does not** contain any compounds listed by NTP or IARC or regulated by OSHA as a carcinogen. IARC: Amorphous silica gel IARC - 3 (Unclassifiable as to Carcinogenicity in Humans)
Cobalt chloride IARC – 2B – (Possibly carcinogenic to humans)

Section 12: Ecological Information

Ecological Information:

Environmental: Not hazardous

Eco toxicity:

*Freshwater Algae Data 72 hour EC50 Selenastrum capricomutum: 440mg / L

* Freshwater Fish Species Data 96 hour LC50Brachydanio rerio: 5,000 mg / L (static)

* Water Flea Data 48 hour EC50 Ceriodaphnia: 7,600 mg / L

*Silica, amorphous

Persistence and degradability: Not available

Bio accumulative potential: Not available

Mobility in soil: Not available

Other adverse effects: Not available

Chemical Fate Information: ND

Section 13 Disposal Considerations

RCRA 40 CFR 261 Classifications: None

Materials of a hazardous nature that contact the product during normal use may be retained on the product. The user of the product must identify the hazards associated with the retained material in order to assess the waste disposal options. Dispose according to federal, state, provincial and local regulations.

Section 14: Transportation Information

US DOT Information: Proper shipping name: Not regulated

IATA: Proper shipping name: Not regulated

Marine Pollutant: No

Canadian TDG: Not regulated

Section 15: Regulatory Information

United States Federal Regulations

MSDS complies with OSHA's Hazard Communication Rule 29, CFR 1910.1200.

SARA: No ingredients are listed.

SARA Title III: No ingredients are listed.

RCRA: Not listed.

TSCA: All components are listed on the TSCA public inventory.

CERCLA: No ingredients are listed.

State Regulations

California Proposition 65: No ingredients are listed.

International Regulations

Canada WHMIS: ND

Europe EINECS Numbers:

Synthetic amorphous precipitated silica gel (SiO₂) (112926-00-5) EC No: 231-545-4

Cobalt Chloride (7646-79-9) EC No: 231-589-4

Cellulose acetate propionate (9004-39-1) EC No: 618-383-3

Section 16: Other Information

Label Information: See section 2

European Risk and Safety Phrases: NA

European symbols needed: NA

Canadian WHMIS Symbols: NA

Abbreviations used in this document

NE= Not established

NA= Not applicable

NIF= No Information Found

ND= No Data

Disclaimer

Ted Pella, Inc. makes no warranty of any kind regarding the information furnished herein. Users should independently determine the suitability and completeness of information from all sources. While this data is presented in good faith and believed to be accurate, it should be considered only as a supplement to other information gathered by the user. It is the User's responsibility to assure the proper use and disposal of these materials as well as the safety and health of all personnel who may work with or otherwise come in contact with these materials.