



# SAFETY DATA SHEET

SDS#: 833333\_E/F\_3

Product: Dehumidifier / Moisture Absorber

Initial Date Prepared: 10/21/2014

Date Revised: 8/21/2019

Revision Number 4

## 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

**Product Name:** Dehumidifier / Moisture Absorber

**Supplier:** Camco Manufacturing, Inc.  
121 Landmark Drive  
Greensboro, NC 27409  
1-800-334-2004

**Product Use:** Dehumidifier / Moisture Absorber  
**Product Code:** 44280 (10.5 oz refillable, Lavender), 44282 (5 pounds), 44284 (42 oz refill, Lavender), 44286 (2 pack, 2.5 oz hanging)

**In case of Emergency:** 1-800-535-5053

## 2 – HAZARDS IDENTIFICATION:

**Classification:** Serious Eye Damage/Eye Irritation ..... Category 2A  
Acute Toxicity, Oral: ..... Category 4

**Hazard Pictogram(s):**



**Signal Word:** WARNING

**Hazard Phrases:** H302.....Harmful if swallowed.  
H319.....Causes serious eye irritation.

**Precaution Phrases:** P264.....Wash hands thoroughly after handling.  
P270 .....Do not eat, drink or smoke when using this product.  
P280.....Wear protective gloves/protective clothing / eye protection / face protection.

**Response Phrases:** P330.....If Swallowed rinse mouth  
P301+P312 .....IF SWALLOWED: Call a POISON CENTER or doctor / physician if you feel unwell.  
P305+P351+P338:IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+313: .....If eye irritation persists, get medical advice/attention.

**Storage and Disposal Phrases:** P501 .....Dispose of contents / container according to local, state regional, national, territorial, provincial, federal and international regulations.



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## Potential Health Effects:

Dust may cause irritation to eyes, nose, throat, and lungs.

### EYES:

Contact with the eyes causes irritation. Symptoms may include discomfort, pain or redness. Severe over exposure can result in swelling of the conjunctiva along with tissue damage, which may lead to blindness.

### SKIN:

This product can be irritating to the skin, depending on the duration of contact, symptoms may include reddening, discomfort, irritation, and possible tissue damage. Repeated contact with this material may produce dermatitis.

### INGESTION:

This product may be harmful if swallowed. Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### INHALATION:

This product can be irritating to the respiratory system. Inhalation of dust of the product may cause sneezing, coughing and difficulty breathing.

### Medical Conditions Aggravated by Exposure:

Pre-existing skin and eye conditions

## 3 - COMPOSITION, INFORMATION ON INGREDIENTS:

Less than 3.0 % of ingredients have unknown acute toxicity, oral and dermal.

<u>NAME</u>	<u>CAS NUMBER</u>	<u>% WEIGHT</u>	<u>CLASSIFICATION</u>
Calcium Chloride	10043-52-4	97.0 < *	Acute Tox (Oral) .....4, .... H302 Eye Irritation .....2A, ... H319
Fragrance		< 3.0 *	

Fragrance usage level conforms to IFRA 48<sup>th</sup> Amendment for the maximum concentrations.

\* Percent composition will vary by Product, from batch to batch or exact details are proprietary information.

## 4 – FIRST AID MEASURES:

**General:** Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Never attempt to give anything orally (by mouth) to a person that is unconscious. If you or another person feels unwell, seek medical advice. Show label to the medical personnel if possible.

**Eye Contact:** Do not rub eyes. Rinse eyes carefully for at least 15 minutes with low-pressure water. If contact lenses are present, remove if easy to do so. Continue rinsing. Seek medical attention if irritation persists.

**Skin Contact:** Remove contaminated clothing. Rinse affected area with water for at least 5 minutes. Seek medical attention if irritation develops or persists.

**Inhalation:** Move from exposure area to fresh air. Monitor breathing. Seek medical attention if feeling unwell or problems breathing.

**Ingestion:** Rinse mouth with water. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician to get medical advice.

### MOST IMPORTANT SYMPTOMS / EFFECTS. Acute and Delayed:

**General:** Causes serious / severe Eye Irritation. Harmful if swallowed

**Eye Contact:** Corrosive to eyes. May cause severe damage.

**Skin Contact:** May cause irritation and or redness. Prolonged contact may cause more severe symptoms.



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**Inhalation:** May cause respiratory irritation resulting in coughing, choking and / or wheezing.

**Ingestion:** Ingestion is likely to be harmful or have adverse effects. Irritation of the gastrointestinal tract with increased thirst, nausea, and / or diarrhea.

## 5 – FIRE - FIGHTING MEASURES

### EXTINGUISHING MEDIA:

**Suitable:** Water fog or fine spray, alcohol foams, carbon dioxide, or dry chemical.

**Unsuitable:** **DO NOT** use a heavy stream of water as this may spread the fire.

**Fire Hazard:** Non-Flammable

**Explosion Hazard:** Product is not explosive.

**Special Hazards:** Combustion may produce irritating and /or toxic gases / fumes like calcium oxides, hydrogen chloride gas, and chlorine.

## 6 – ACCIDENTAL RELEASE MEASURES:

**Personal Precautions:** Prevent eye, skin and clothing contact. Avoid breathing dust. Spilled material may present a slip hazard on some surfaces.

**Environmental Precautions:** Prevent large spills from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12 for Ecological Information/Data.

**Containment and Clean up:** Stop spill or leak at source if safe to do so. Sweep / Vacuum up spillage and collect in suitable container. Avoid generation of dust / ventilate area of spillage. .

## 7 – HANDLING AND STORAGE:

**Precautions for Safe Handling:** Avoid contact with eyes, skin, and clothing. Avoid breathing dust. Wash hands thoroughly after handling. Do not eat or drink after handling without washing hands.

**Conditions for safe storage:** Store in a cool, dry area. Keep containers dry and tightly closed to avoid moisture absorption or contamination. .

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

## 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION:

**Regulatory Exposure Limits (REL's):** Listed below for the product components that have regulatory occupational exposure limits (OEL's) established. If no limits are displayed then no values were found or are applicable.

<u>Component</u>	<u>CAS Number:</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>NIOSH IDLH</u>
Calcium Chloride	10043-52-4	NDA	NDA	NDA
Particles Not Otherwise Regulated		TWA: 15 mg/m <sup>3</sup> (Total) TWA: 5 mg/m <sup>3</sup> (Respirable)		

**Engineering Controls:** Ensure adequate ventilation / use in a well-ventilated area.

### **Personal Protection:**

Eye Protection: Safety goggles, face shield, or safety glasses



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Skin Protection: Chemical resistant gloves. Apron / suit impervious to the material.

Respiratory Protection: Where OEL's may be reached or exceeded consult with an industrial hygienist for proper/approved respiration protection.

General Hygiene: Do **NOT** eat, drink, smoke or use cosmetics when handling this material. Avoid contact with eye, skin and clothing. Avoid breathing the mist.

## 9 - PHYSICAL AND CHEMICAL PROPERTIES:

<b>Appearance:</b> ..... White/Pink Granular	<b>Boiling Point</b> (°C/°F):..... Not Applicable
<b>Physical State:</b> ..... Solid Granules	<b>Flash Point</b> (°C/°F): ..... Not Applicable
<b>Odor:</b> ..... Bland or Lavender	<b>Method:</b>
<b>Odor Threshold</b> (ppm):..... Not Determined	<b>Flammable Limits in Air by Volume</b> (%):
<b>pH</b> (10% solution, 20°C): ..... 8 – 9	<b>Lower:</b> Not Applicable
<b>Melting Point</b> (°C/°F): ..... Not Determined	<b>Upper:</b> Not Applicable
<b>Freeze Point</b> (°C/°F): ..... Not Determined	<b>Vapor Pressure:</b> ..... Not Applicable
<b>Viscosity dynamic</b> (cps @ 25 °C): .. Not Applicable	<b>Vapor Density:</b> ..... Not Applicable
<b>Viscosity kinematic</b> (cps @ ___°C): Not Applicable	<b>Solubility, water:</b> ..... Readily
<b>Specific Gravity</b> (@ 21°C): ..... Not Applicable	<b>Other:</b> ..... Not Determined
<b>Bulk Density</b> (g/cm <sup>3</sup> ):..... 0.92 – 1.01	<b>Auto-ignition Temperature</b> (°C/°F) :. Not Applicable
<b>Evaporation Rate:</b> ..... Not Applicable	<b>Decomposition Temperature</b> (°C/°F): Not Applicable
	<b>Volatile Organic Compounds</b> (%): 0

## 10 - STABILITY AND REACTIVITY:

### Reactivity:

Can liberate heat when large amounts dissolved in water.

### Chemical Stability:

Stable under normal temperatures and pressures.

### Conditions to Avoid:

Large amounts in water.

### Incompatible Materials:

Bromide trifluoride, 2-furan percarboxylic acid, zinc, methyl vinyl ether, metals in presence of water.

### Hazardous Decomposition Products:

Decomposition may yield calcium oxide and hydrogen chloride gas.

### Hazardous Polymerization:

Not expected to occur.



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## 11 - TOXICOLOGICAL INFORMATION:

<u>PRODUCT</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Inhalation LC50</u>
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Toxicological Information on the product has not been determined.

If data was found / known for the individual components, it is presented below

<u>Component</u>	<u>CAS Number:</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Inhalation LC50</u>
Calcium Chloride	10043-52-4	Rat: 1000 mg/kg	Rat: 2630 mg/kg	NDF

<u>Component</u>	<u>CAS Number:</u>
Calcium Chloride	10043-52-4

Skin Corrosion/Irritation: Not classified

Serious Eye Damage/Irritation: Can serious eye irritation.

Respiratory or Skin Sensitization: Not Classified

Carcinogenicity: Not Classified

Toxicity to Reproduction: Not Classified

Developmental Toxicity: No Data Found

Germ Cell Mutagenicity: Not Classified

STOT – Single exposure Not Classified

STOT – Repeated exposure Not Classified

## 12 - ECOLOGICAL INFORMATION:

### PRODUCT

Ecotoxicity Information on the product has not been determined.

If data was found / known for the individual components, it is presented below

<u>Component</u>	<u>CAS Number:</u>
Calcium Chloride	10043-52-4

Hazards to Aquatic Environment:

Acute hazards: Fish: LC<sub>50</sub> (Lepomis macrochirus, 96 h): 8350-10650 mg/L (flow)

Aquatic Invertebrates: LC<sub>50</sub> (Daphnia magna, 48 h): 759-3005 mg/L (flow)

Aquatic Plants: No Data Found

Chronic hazards: Fish: No Data Found



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Aquatic Invertebrates: No Data Found

Aquatic Plants: No Data Found

Persistence & Degradability Biodegradation: No Data Found

BOD/COD Ratio: No Data Found; Partition Coefficient: No Data Found

## 13 - DISPOSAL CONSIDERATIONS:

### Disposal Instructions:

Dispose of waste material according to local, state, federal, and provincial regulations.

### RCRA & Hazardous Waste:

It is the responsibility of the waste generator to determine the proper waste identification and disposal method. Consult RCRA, Title 40 CFR 261 for hazardous waste classification and disposal.

## 14 - TRANSPORT INFORMATION:

**US DOT per 49 CFR 100-185:** NOT REGULATED

Proper Shipping Name: Not Applicable

Hazard Class/Division: Not Applicable

UN/NA Number Not Applicable

Packing Group Not Applicable

**TDG:** NOT REGULATED

**IMDG:** Refer to Current IMDG regulations for full shipping description requirements

**IATA:** This material is not prepared or packaged for air transportation

*International shipping requirements must be determined by the party offering the material for transportation. The manufacturer does not offer this material for international shipping.*

## 15 - REGULATORY INFORMATION:

**US FEDERAL REGULATIONS** (for mixture components):

TSCA	SARA 302	SARA 304	SARA 311/312	SARA 313
Listed or Exempt	None Listed	None Listed	Acute Health Hazard	None Listed
CWA 307 / 311	CAA 112 (Flammable Substances)	CAA 112 (Toxic Substances)		
None Listed	None Listed	None Listed		

**STATE (US) Right -to-Know** (for mixture components):

STATE	COMPONENT	CAS #

**California Prop 65** No products listed on Prop 65 to the best of our knowledge

**COUNTRY CHEMICAL LISTINGS**(for mixture components):



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**AICS**  
(Australia)

**DSL**  
(Canada)

Components Listed

Components Listed

## **16 - OTHER INFORMATION:**

### **HMIS Ratings:**

**HEALTH**  
2

**FIRE**  
0

**REACTIVITY**  
0

Hazard Scale:

0= Minimal

1 = Slight

2 = Moderate

3 = Serious

4 = Severe

\* = Chronic Hazard

### **NFPA RATINGS:**

**HEALTH**  
2

**FLAMMABILITY**  
0

**REACTIVITY**  
0

**OTHER**  
None

Hazard Scale:

0= Minimal

1 = Slight

2 = Moderate

3 = Serious

4 = Severe

### **ACRONYMS**

ACGIH: American Conference of Governmental Industrial Hygienists

AICS: Australian Inventory of Chemical Substances (AUS)

AUS: Australia

CAA: Clean Air Act (US)

CAN: Canada

CDC: Center for Disease Control (US)

CEPA: Canadian Environmental Protection Act (CAN)

CERCLA: Comprehensive Environmental Response, Compensation & Liability Act (US)

CWA: Clean Water Act (US)

DHHS: Department of Health and Human Services (US)

DOL: Department of Labor (US)

DOT: Department of Transportation (US)

DSL: Domestic Substances List (CAN)

ECHA: European Chemicals Agency

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

EPA: Environmental Protection Agency (US)

EPCRA: Emergency Planning & Community Right-to-Know Act (US)

GHS: Global Harmonized System

GRAS: Generally Regarded as Safe (US)

HCIS: Hazardous Chemical Information System (AUS)

LOEC: Lowest Observed Effect Level

NFPA: National Fire Protection Association (US)

NICNAS: National Industrial Chemicals Notification & Assessment Scheme

NIOSH: National Institute for Occupational Safety and Health (US)

NDA: No Data Available

NDF: No Data Found

NDSL: Non-Domestic Substances Inventory (CAN)

NOEC: No Observed Effect Concentration

NTP: National Toxicology Program (US DHHS)

OECD: Organization for Economic Cooperation and Development

OEL: Occupational Exposure Limit

OSHA (US): Occupational Safety and Health Administration (US)

PEL: Permissible Exposure Limit

RCRA: Resource Conservation and Recovery Act (EPS US)

RTK: Right to Know (US)

RQ: Reportable Quantity

SARA: Superfund Amendments and Reauthorization Act (US)

STEL: Short Term Exposure Limit

TDG: Transportation of Dangerous Goods (CAN)

TLV: Threshold Limit Value

TPQ: Threshold Planning Quantity (US SARA)



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HMIS Hazardous Material Information System  
 IARC: International Agency for Research on Cancer  
 IATA: International Air Transport Association  
 IFRA: International Fragrance Association  
 IMDG: International Maritime Dangerous Goods

TSCA  
 TWA:  
 UEL  
 US:  
 28 WHIMS

Toxic Substances Control Act  
 Time Weighted Average  
 Upper Exposure Limit  
 United States  
 Workplace Hazardous Material Information System (CAN)

## **DISCLAIMER**

To the best of our knowledge, the information contained herein is accurate, obtained from sources believed by Camco Manufacturing, Inc., to be accurate. However, the information is provided without any representation or warranty, expressed or implied, regarding its accuracy or correctness.

The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. It is the responsibility of the user to determine the safety, toxicity and suitability of their own use, handling and disposal of this product