Material Safety Data Sheet

(MSDS)

In accordancewith GHSRev. 9

Section 1 - Chemical Product and Company Identification

1.1 Product Identification:

Product Name: TruHome Moisture Absorber

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: For household dehumidification

Use advised against: No data available.

1.3 Details of the Manufacture or supplier

Manufacture: Mr. Brands LLC

Address: 1414 Radcliffe St
Suite 105

Telephone: 877-420-7555

Fax:

Email: Support@mrbrands.com

1.4 Emergency telephone number

Emergency Telephone: 877-420-7555

Section 2 - Hazards Identification

2.1 Classification of the substance or mixture

GHS Classification: Serious eye irritation (Category 2A), H319

2.2 GHS Label elements, including precautionary statements

GHS Labels:

Pictogram(s):

Signal Word: Warning

Hazard Statement: H319 Causes serious eye irritation.

Precautionary statement(s)

Prevention precautionary statements: P264 Wash thoroughly after handling.
P280 Wear eye protection/ face protection.

Response Precautionary Statements:	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 Precautionary Statements:	None.
Disposal Precautionary Statements:	None.

2.3 Description of any hazards not otherwise classified

No additional information available.

Section 3 - Composition/Information on Ingredient

Substance (√) Preparation () Article ()

Chemical name	CAS No.	Content (%)
Calcium chloride Dihydrate	10035-04-8	100%

Abbreviation: CAS No. is Chemical Abstract Service Registry Number.

Section 4 - First Aid Measures

4.1 Description of first aid measures

Eye Contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. If irritation persists, seek medical attention.

Skin Contact: Wash off with soap and plenty of water.

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Dust in throat and nasal passages should clear spontaneously. Contact a physician if discomfort.

Ingestion: DO NOT induce vomiting. Wash out mouth with water and give plenty of water to drink (at least 300 ml.). Consult a physician attention and get medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively.

Section 5 -Extinguishing media

5.1 Extinguishing media

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Decomposition products formed under fire conditions. - Hydrogen chloride gas, calcium oxide.

5.3 Advice for firefighters

Evacuate personnel to safe areas. As in any fire, Wear self-contained breathing apparatus and full protective gear for firefighting.

5.4 Further information

Avoid contaminated firefighting water releasing to drains or waterways.

Section 6 - Accidental Release Measures

For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. See Chapter 13 for information on disposal. Observe the relevant local and international regulations.

6.1 Personal precautions, protective equipment and emergency procedures:

Evacuate area. Ventilate area. Avoid dust generation. Avoid inhaling dust. Use suitable personal protective equipment.

6.2 Environmental precautions:

Prevent uncontrolled discharges into the environment (rivers, water courses, sewers etc.).

See exposure scenarios covering intended use in the environment like de-icing and dust suppression.

6.3 Methods and materials for containment and cleaning up:

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers. Preferably for re-use, otherwise for disposal. Wash the spillage area with large quantities of water. For disposal see section 13.

Section 7 - Handling and Storage

7.1 Precautions for safe handling:

Provide basic employee training to prevent / minimise exposures and to report any skin problems that may develop.

Provide appropriate exhaust ventilation at places where dust is formed. Wear suitable personal protective equipment in section 8. Avoid formation of dust and aerosols. Avoid inhaling dust. Avoid contact with skin and eyes. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities:

Safe storage conditions: Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Avoid excessive ventilation as the product can absorb moisture from the air. Calcium chloride liquors can cause pitting of and corrosion of some grades of stainless steel and under high temperature and stress conditions can promote stress corrosion cracking. Store away from foodstuffs.

Incompatible materials: Do not store together with strong oxidizing agent, strong reducing agent, acid.

Section 8 - Exposure Controls, Personal Protection

8.1 Exposure Limits: Not established.

8.2 Exposure controls

Engineering Control: General industrial hygiene practice. Provide appropriate exhaust ventilation at places where dust is formed.

Personal protective equipment:

Respiratory Protection: Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eyes Protection: Use face shield and safety glasses if in-eye risk exists. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Body Protection: Use normal work suit is enough.

Hands Protection: Wear suitable protective gloves to avoid skin exposure. Suitable materials include neoprene (chloroprene), PVC and nitrile rubber.

Other Protections: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Section 9 - Physical and Chemical Properties

Information on basic physical and chemical properties	
Appearance	Crystals, solids are easily deliquescent
Color	White
Odor	Odorless
pH	Not available.
Melting point/freezing point	782℃.
Initial boiling point and boiling range	>1600℃.
Flash point	Not applicable.
Evaporation rate	Not applicable as not a liquid.
Flammability	Incombustible.
Upper explosive limit % (V/V)	Not available.
Lower explosive limit % (V/V)	Not available.
Vapor pressure	Not applicable.
Vapor density	Not applicable.

Relative density	Not available.
Solubility(ies)	Soluble in water
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not applicable.
Decomposition temperature	Not available.
Viscosity	Not available.

Section 10 - Stability and Reactivity

10.1 **Stability:** Stable under normal storage temperature and pressure.

10.2 **Conditions to Avoid:** Avoid moisture.

10.3 **Incompatible materials:** Strong oxidizing agents, strong reducing agent, acid.

10.4 **Hazardous Decomposition Products:** Other decomposition products- no data available. In the event of fire:see section 5.

10.5 **Possibility of hazardous reactions:** None hazardous reactions known under normal condition.

Section 11 - Toxicological Information

Acute Toxicity: Calcium chloride:
LD50 Oral - rat - 2301 mg/kg (OECD Test Guideline 401)

Skin Corrosion/Irritation: No known irritating effect.

Serious Eye Damage/Eye Irritation: Cause serious eye irritation.

Respiratory or Skin Sensitization No sensitizing effects known.

Germ Cell Mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity: None of the components of this product is listed as a carcinogen by IARC, NTP, US OSHA.

Reproductive Toxicity: Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity - Single Exposure (Globally Harmonized System): Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity - Repeated Exposure (Globally Harmonized System): Based on available data, the classification criteria are not met.

Aspiration Hazard: Based on available data, the classification criteria are not met.

Potential Health Effects:

Inhalation: Inhaling dust may cause respiratory irritation..

Skin Contact:	May cause slight skin irritation.
Eye Contact:	May cause serious eye irritation if dust in-eye.
Ingestion:	May be harmful if ingested.

Section 12 - Ecological Information

12.1 Toxicity

Calcium chloride:
Toxicity to fish LC50 - Lepomis macrochirus - 10650 mg/l - 96 h
Toxicity to daphnia and other aquatic invertebrates EC50 - Daphnia magna (Water flea) - 2400 mg/l - 48 h(OECD Test Guideline 202)

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

May be harmful to aquatic organisms. Avoid undiluted or neutralized product releasing to environment.

Section 13 - Disposal Considerations

Waste treatment methods

Product

Recycle if possible. Offer surplus and non-recyclable products to a licensed disposal company. Do not dispose of with acids. Observe according to the national and local related regulations.

Contaminated packaging

Clean packaging with water and dispose of washings in accordance to local regulations.If recycling or reuse is not practical then packaging must be disposed of in accordance with local, state or national regulations.

Section 14 - Transport Information

14.1 UN-Number

ADR/RID/ADN, IMO/IMDG, IATA	Not applicable.

14.2 UN proper shipping name

ADR/RID/ADN, IMO/IMDG, IATA	Not applicable.

14.3 Transport hazard class(es)

ADR/RID/ADN, IMO/IMDG, IATA

Class	Not applicable.
Label	Not applicable.

14.4 Packing group

ADR/RID/ADN, IMO/IMDG, IATA	Not applicable.

14.5 Environmental hazards	Not applicable.
14.6 Special precautions for user	Not applicable.
14.7 Transport in bulk according to Annex 1 of Marpol and the IBC Code	Not applicable.
14.8 Transport/Additional information:	Not dangerous according to the above specifications.
UN 'Model Regulation" :	Not applicable.

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available.

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

Section 16 - Additional Information

16.1 Reference

[1]	IPCS:The International Chemical Safety Cards (ICSC)	website: http://www.ilo.org/dyn/icsc/showcard.home
[2]	EU REACH Registered Substance Database	website: http://echa.europa.eu/web/guest/information-on-chemicals/registered-substances
[3]	OECD: The Global Portal to Information on	website:

	Chemical Substances,	http://www.echemportal.org/echemportal/index?pageID=0&request_ locale= en
[4]	CAMEO Chemicals,	website: http://cameochemicals.noaa.gov/search/simple
[5]	NLM:ChemIDplus,	website: http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp
[6]	EPA: Integrated Risk Information System,	website: http://cfpub.epa.gov/iris/
[7]	U.S. Department of Transportation:ERG,	website: http://www.phmsa.dot.gov/hazmat/library/erg
[8]	Germany GESTIS-database on hazard substance	website: http://gestis-en.itrust.de/
[9]	IARC	website: http://www.iarc.fr/

16.2 Abbreviations and acronyms

PC-STEL	Short term exposure limit
PC-TWA	Time Weighted Average
IARC	International Agency for Research on Cancer
LC50	Lethal Concentration 50%
LD50	Lethal Dose 50%
EC50	Effective Concentration 50%
PBT	Persistent, Bioaccumulative, Toxic
vPvB	very Persistent, very Bioaccumulative
ADR	Agreement on Dangerous Goods by Road
IATA	International Air Transport Association
IMO	International Maritime Organization
IMDG	The International Maritime Dangerous Goods
ICAO	International Civil Aviation Organization
UN	The United Nations
NTP	National Toxicilogy Program
ACGIH	The American Conference of Governmental Industrial Hygienists
OSHA	Occupational Safety and Health Administration
NIOSH	NationalInstitute for Occupational Safety and Health

16.3 Disclaimer

-This safety data sheet was prepared in accordance with UN GHS Rev.9.

-The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product

16.4 Information on revision

MSDS Creation Date: Jan 12, 2025

MSDS Revision Date: -MSDS Edition: 1.0

Reason For Revision: -

*** End ofMSDS***