

Safety Data Sheet
According to Hazard Communication Standard (29 CFR 1910.1200)

MOISTURE ELIMINATOR CHAR 8.1OZ

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Version 1.0

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1. Identification

Product name MOISTURE ELIMINATOR CHAR 8.1OZ

Synonyms -

CAS # See section 3

Product code -

Product use HOME USE.

Manufacturer/Supplier

Manufacturer: ZHUHAI HERMESIN ENTERPRISES CO.,LTD

Manufacturer Address: Building 4,No.106,Guangxin Road, Pingsha Town, Zhuhai, Guangdong, China

Contact person(E-mail): gm@hsunx.com; yin@hsunx.com

Supplier: ZHUHAI HERMESIN ENTERPRISES CO.,LTD.

Supplier Address: Building 4,No.106,Guangxin Road, Pingsha Town, Zhuhai, Guangdong, China

Contact person(E-mail): -

Telephone: +86-756-7751122

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2. Hazard(s) identification

GHS classification

Physical hazards	Not classified	
Health hazards	Acute toxicity-oral	Category 4
	serious eye damage/eye irritation	Category 2A
Environmental hazards	Not classified	

GHS label elements

Hazard Pictograms



Signal word Warning

Hazard statement Harmful if swallowed.
Causes serious eye irritation.

Precautionary statement

Prevention Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear eye protection/face protection.

Response If swallowed: Call a poison center/doctor if you feel unwell.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage Rinse mouth.
If eye irritation persists: Get medical advice/attention.

Disposal Not applicable.
Dispose of contents/container in corroding with local regulation.

3. Composition / information on ingredients

Components	CAS#	Percent
Calcium Chloride Dihydrate	10035-04-8	99.3%
Activated Charcoal	64365-11-3	0.7%

4. First-aid Measures

First aid procedures

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Skin contact Get medical aid immediately. Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

Inhalation Get medical aid immediately. Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. DO NOT use mouth-to-mouth respiration.

Ingestion Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

Notes to physician Treat symptoms.

5. Fire-fighting measures

Flammable properties Not available.

Extinguishing media

Suitable extinguishing media Substance is noncombustible; use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media Not available.

Firefighting equipment/instructions In case of fire and/or explosion do not breathe dust. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Dispose of contaminated extinction water according to official regulations.

Hazardous combustion products Chlorine, irritating and toxic fumes and gases.

6. Accidental release measures

Personal precautions Use personal protective equipment. Avoid breathing dust. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of dust accumulating to form explosive concentrations. Dust can accumulate in low areas. For personal protection see section 8.

Environmental precautions Do not let product enter drains.

Methods for cleaning up Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, using the appropriate protective equipment. Avoid generating dusty

conditions. Provide ventilation.

7. Handling and storage

Handling

Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Do not get on skin or in eyes. Do not ingest or inhale. Wash clothing before reuse. For precautions see section 2.2.

Storage

Store in a cool, dry, well-ventilated area away from incompatible substances. Keep containers tightly closed.

8. Exposure controls / personal protection

Control parameters:

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA:

Source	Ingredient	TWA	STEL	Peak
US OSHA Permissible Exposure Levels (PELs) - Table Z3	Activated Charcoal	5 mg/m ³ /15 mg/m ³ / 15 mppcf / 50 mppcf	Not Available	Not Available

EMERGENCY LIMITS:

Ingredient	TEEL-1	TEEL-2	TEEL-3
Calcium Chloride Dihydrate	7.4 mg/m ³	81 mg/m ³	490 mg/m ³
Calcium Chloride Dihydrate	3 mg/m ³	33 mg/m ³	200 mg/m ³
Calcium Chloride Dihydrate	4.9 mg/m ³	54 mg/m ³	330 mg/m ³
Calcium Chloride Dihydrate	5 mg/m ³	55 mg/m ³	330 mg/m ³

Ingredient	Original IDLH	Revised IDLH
Calcium Chloride Dihydrate	Not Available	Not Available
Activated Charcoal	Not Available	Not Available

Exposure controls:

Appropriate engineering controls: Use in a well-ventilated area.

Individual protection measures, such as personal protective equipment:

Eye / face protection Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin protection Wear impervious gloves and appropriate protective clothing to minimize contact with skin.

Respiratory protection Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

General hygiene considerations Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing.

9. Physical and chemical properties

Appearance

Physical state	Solid
Form	Beads
Color	White and black mixed

Odor	Odorless
Odor threshold	Not available
pH	5.0 - 8 at 147 g/l at 25 °C
Vapor pressure	0.01hPa at 20 °C
Melting point/Freezing point	176°C
initial boiling point and boiling range	1600°C
Flash point	Not available
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Explosion limits	Not available
Vapor density	Not available
Relative density	Not available
Solubility (water)	Soluble
Partition coefficient	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Specific gravity	Not available
Density	1.85 g/cm ³ (20 °C)
Flammability limits in air, upper, %by volume	Not available
Flammability limits in air, lower, % by volume	Not available
VOC	Not available
Percent volatile	Not available
Other data	
Viscosity	Not available

10. Stability and reactivity

Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Incompatible materials.
Incompatible materials	Incompatible with boric oxide + calcium oxide, and bromine trifluoride; react with zinc to form explosive hydrogen gas; catalyzes exothermic polymerization of vinyl ether; explodes at room temperature when added to furan-2-peroxycarboic acid; and undergoes an exothermic (heat-producing) reaction with water.
Hazardous decomposition products	Chlorine, irritating and toxic fumes and gases.
Possibility of hazardous reactions	No decomposition when used as directed.

11. Toxicological information

Toxicokinetics, metabolism and distribution:

Non-human toxicological data: Not available

Information on toxicological effects:

Acute toxicity:

LD50(Oral, Rat):	Not available
LD50(Dermal, Rabbit):	Not available
LC50(Inhalation, Rat):	Not available
Skin corrosion/Irritation:	Not classified.

Serious eye damage/irritation: Causes serious eye irritation.
Respiratory or skin sensitization: Not classified.
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive toxicity: Not classified
STOT- single exposure: Not classified
STOT-repeated exposure: Not classified
Aspiration hazard: Not classified

12. Ecological information

Toxicity:

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	72h	Algae	OECD 201	N/A	N/A

Persistence and degradability: Not available.
Bioaccumulative potential: Not available.
Mobility in soil: The product is soluble in water.
Results of PBT&vPvB assessment: Not available.
Other adverse effects: No known significant effects or critical hazards.

13. Disposal considerations

Disposal instructions Dispose of contents/container in accordance with local/regional/national/international regulations.
Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

Basic shipping requirements:

UN number Not regulated
Proper shipping name Not regulated
Hazard class Not regulated
Packing group Not regulated
Environmental hazards No

IATA

UN number Not regulated
UN proper shipping name Not regulated
Transport hazard class(es) Not regulated
Packing group Not regulated
Environmental hazards No

IMDG

UN number Not regulated
UN proper shipping name Not regulated

Transport hazard class(es)	Not regulated
Packing group	Not regulated
Environmental hazards	No

15. Regulatory information

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

Calcium Chloride Dihydrate (10035-04-8) is found on the following regulatory lists	"US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory" List.
Activated Charcoal(64365-11-3) is found on the following regulatory lists	"US - Idaho - Limits for Air Contaminants" List. "US- Hawaii Air Contaminant Limits" List. "US - Alaska Limits for Air Contaminants" List. "US ACGIH Threshold Limit Values (TLV)" List. "US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory" List. "US -Wyoming Toxic and Hazardous Substances Table Z1 Limits for Air Contaminants" List.

16. Other information, including date of preparation or last revision

HMIS® ratings	Health: 2 Flammability: 1 Physical hazard: 0
NFPA ratings	Health: 2 Flammability: 1 Instability: 0
Disclaimer	The information in the sheet was written based on the best knowledge and experience currently available.
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