

SAFETY DATA SHEET

Plantpack

Version 1.0

Issue date: 01/10/2023

Revision date: 01/10/2023

SDS Record Number: CSSS-TCO-010-143054

1. Identification

GHS product identifier: Plantpack
Other means of identification: See section 3
Recommended use of the chemical and restrictions on use:
Recommended use: Deodorant and mildew proof.
Recommended Restrictions: Not available
Supplier's details:
Supplier(Manufacturer): XIAMEN GREEN MOUNTAIN I/E CO.,LTD
Address: 22/F.,BUILDING 2,THAIHOT PLAZA XIUFENG RD,Fuzhou, 350000, Fujian
Contact person(E-mail): info@plantpack.com.cn
Telephone: +86-591-87855092
Fax: -
Emergency phone number: +86-591-87855092

2. Hazards identification

Classification of the substance or mixture:

Physical hazards: Not classified
Health hazards: Serious eye damage/eye irritation Category 2A
Specific target organ toxicity, single exposure; Respiratory tract irritation Category 3
Environmental hazards: Not classified

GHS label elements, including precautionary statements:

Hazard Pictograms: :



Signal word: Warning
Hazard statement: Causes serious eye irritation.
May cause respiratory irritation.

Precautionary statement:

Prevention: Avoid breathing dust/fume/gas/mist/ vapours/spray.
Wash hands thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear eye protection/face protection.

Response: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Call a POISON CENTER/doctor if you feel unwell.
If eye irritation persists: Get medical advice/attention.

Storage: Store in a well-ventilated place. Keep container tightly closed.
Store locked up.

Disposal: Dispose of contents/container in accordance with local regulation.

Other hazards which do not result in classification: Not applicable

3. Composition/information on ingredients

Substance/Mixture: Substance

Ingredient(s):

Chemical Name	CAS No.	EC No.	Concentration
Carbon	7440-44-0	231-153-3	100%

4. First aid measures

Description of necessary first-aid measures:

Inhalation: Fresh air, rest. Obtain medical attention.
Skin: Take off contaminated clothes; rinse the skin with water and soap. Obtain medical attention if irritation becomes apparent.
Eye: Immediately flush with copious amounts of water (remove contact lenses, provided that it can be done easily). Obtain medical attention.
Ingestion: Wash mouth and give two glasses of water to drink. Obtain medical attention.
Most important symptoms/effects, acute and delayed: Causes serious eye irritation. May cause respiratory irritation.

Indication of immediate medical attention and special treatment needed, if necessary: Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media: Spray-jet of water. Avoid stirring up dust clouds. Under certain conditions, carbon dust/air mixtures can produce an explosive atmosphere.
Unsuitable extinguishing media: Not available.
Specific hazards arising from the chemical: In the case of fire, the following hazardous smoke fumes may be produced: Carbon dioxide and carbon monoxide.
Special protective actions for fire-fighters: Protective equipment for fire-fighters, Self-contained breathing apparatus. Use air-supplied respirator, gloves and protective goggles.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel: Provide adequate ventilation. Avoid inhalation of dust. Avoid skin and eye contact. Wear personal protective equipment. Refer to section 8 of SDS for personal protection details.

For emergency responders: Wear an appropriate NIOSH/MSHA approved respirator if dust is generated.

Environmental precautions: Avoid discharge into drains, water courses or onto the ground.

Methods and materials for containment and cleaning up: Vacuum up spilled product and flush remaining product with plenty of water. To prevent dust formation spray with water prior to cleaning.

7. Handling and storage

Precautions for safe handling: Eliminate all sources of ignition, and do not generate flames or sparks. Keep product and emptied container away from heat and sources of ignition. Confinement must be avoided. Avoid Incompatible materials (See Section 10).

Conditions for safe storage, including any incompatibilities: Keep separated from oxidizing substances, unsaturated oils, metal salts, easily absorbable gases or vapours, sources of direct heat or naked flames and direct sun light. Dry storage (RH < 70%) in the original undamaged packaging. Storage below 50 °C. If stored outside original packaging first perform a proper risk analysis.

8. Exposure controls/personal protection

Control parameters:

Country	Substance	EINECS No.	CAS No.	Occupational Exposure Limit Value (8-hour reference period)		Occupational Exposure Limit Value (15-minute reference period)		
				ppm	mg/ m3	ppm	mg/ m3	Note
United Kingdom	Graphite inhalable dust respirable	231-153-3	7440-44-0	-	10	-	-	-
				-	4	-	-	-

Appropriate engineering controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Individual protection measures, such as personal protective equipment (PPE):

Eye/face protection: Safety glasses when eye contact is possible.

Skin protection: Wear suitable protective clothing.

Respiratory protection: Wear approved mask/respirator.

Thermal hazards: Wear suitable protective clothing to prevent heat.

9. Physical and chemical properties and safety characteristics

Appearance:

Physical state:	Solid
Form:	Particles
Color:	Black
Odor:	Odorless
Melting point/ freezing point:	Not available
Boiling point or initial boiling point and boiling range:	Not available
Flammability:	Not flammable
Lower and upper explosion limit / flammability limit:	Not available
Flash point:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
PH:	Not available
Kinematic viscosity:	Not available
Solubility :	Not available
Partition coefficient n-octanol/water (log value):	Not available
Vapor pressure:	Not available
Density and/or relative density:	Not available
Relative vapour density:	Not available
Particle characteristics:	Not available
Molecular weight:	Not available
Molecular formula:	Not available
Explosive properties:	Non explosive
Oxidising properties:	Not oxidising
Surface tension:	Not available
Dissociation constant in water(pKa):	Not available

10. Stability and reactivity

Reactivity:	The substance is stable under normal storage and handling conditions.
Chemical stability:	Material is stable under normal conditions
Possibility of hazardous reactions:	No dangerous reaction known under conditions of normal use.
Conditions to avoid:	Contact with oxidizing substances or ignition sources.
Incompatible materials:	Strong oxidizing agents.
Hazardous decomposition products:	Carbon oxides.

11. Toxicological information

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:	May cause respiratory irritation.
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:	No data available.
Bioaccumulative potential:	No data available.
Mobility in soil:	No data available.
Other adverse effects:	No data available.

13. Disposal considerations

Disposal methods:	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.
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14. Transport information

	Land transport(ADR/RID)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN-Number	Not regulated	Not regulated	Not regulated
UN Proper shipping name	Not regulated	Not regulated	Not regulated
Transport hazard class(es)	Not regulated	Not regulated	Not regulated

Packing group, if applicable	Not regulated	Not regulated	Not regulated
Environmental hazards	No	No	No
Special precautions for user	See section 2	See section 2	See section 2
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not regulated	Not regulated	Not regulated

15. Regulatory information

Safety, health and environmental regulations specific for the product in question:

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AIIC)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information

The date of preparation of the latest revision of the SDS:	Version 1.0 Amended by GHS rev 6 on May 6 th , 2021.
Legend to abbreviations and acronyms used in the SDS:	<p>ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road</p> <p>RID: Regulations Concerning the International Transport of Dangerous Goods by Rail (European law)</p> <p>IMDG: International Maritime Dangerous Goods</p> <p>EINECS: European Inventory of Existing commercial Chemical Substances</p> <p>IATA: International Air Transport Association</p> <p>ICAO-TI: International Civil Aviation Organization 《The International Civil Aviation Covenant》 (ICAO)</p> <p>CAS: Chemical Abstracts Service</p> <p>LC50: Lethal Concentration 50</p> <p>EC50: Concentration for 50% of maximal effect</p> <p>LD50: Lethal dose 50%</p>

17. Product Picture



References and sources for data used to compile the SDS: The European Chemicals Agency

