

化学品安全技术说明书

Material Safety Data Sheet

Ver.202603

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	GDPearl CR-50AS
Company:	Shandong GreenDee New Material Technology Co. Ltd.
Add:	No.7, Fuxing North Road, Taozhuang Town, Xuecheng District, Zaozhuang City, Shandong Province

SECTION 2: HAZARDS IDENTIFICATION

Emergency Situation Overview:	White powder, odorless, non-flammable. Avoid inhalation and eye contact. In case of excessive eye contact or inhalation, emergency measures and medical treatment are required.
Classification of the GHS:	None
Physical and chemical hazards:	None
Health hazard:	Contact with eyes may cause eye irritation. Excessive inhalation, may cause symptoms such as cough, sneeze, respiratory stimulation.
Environmental hazard:	None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INCI	CAS-No.	Content, %
TITANIUM DIOXIDE	13463-67-7	≥90
ALUMINUM HYDROXIDE	1333-84-2	1-5
TRIETHOXYCAPRYLYLSILANE	2943-75-1	1-5

SECTION 4: FIRST AID MEASURES

Skin Exposure:	In case of contact, immediately wash skin with soap and copious amounts of water. If irritation persists, call a physician.
Eye Exposure:	In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, call a physician.
Inhalation Exposure:	If inhaled, remove to fresh air. If necessary, get medical attention.
Oral Exposure:	If swallowed, immediately wash out mouth with water provided person is conscious. Call a physician.
Vital Symptoms and Side Effects:	None

SECTION 5: FIRE FIGHTING MEASURES

Hazardous characteristic:	Not flammable and dangerous goods.
Fire extinguishing method and agent:	The product is flammable, need combined with the surrounding environment and the situation at that time to confirm suitable fire extinguisher.
Fire extinguishing measure:	Firefighters should wear self-contained positive pressure breathing apparatus and wear fire protective clothing to prevent skin and eye contact. Put out the fire upwind. Evacuate all personnel to a safe area. Remove all ignition sources if possible.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency treatment:	Use personal protective equipment. Ensure adequate ventilation. Avoid inhaling dust. Remove all ignition sources. Make sure personnel are away from or upwind of the leak area. No entry for irrelevant personnel. Collect with a cleaning shovel in a dry, clean, covered container for disposal. Avoid dust. Ventilate and spray after cleaning.
Environmental protection measures:	Avoid releasing chemicals into the environment. In case of leakage into the drainage system/aquatic environment, local authorities should be notified. Environmental protection measures: Measures are taken to prevent further leaks or spills while ensuring safety. Prevent spills from entering sewers, surface water and groundwater. If it directly affects the drinking water environment of nearby residents, nearby residents should be notified not to use drinking water resources for the time being.

SECTION 7: HANDLING AND STORAGE

Safe operation measure:	Avoid skin and eye contact, avoid dust and aerosol formation. Install suitable ventilation and exhaust systems where dust is formed.
Safe storage conditions:	< 45 °C , sealed in a cool and dry place away from light. Keep away from fire and heat. Should be stored separately from oxidants, strong acids, strong bases, etc. The storage area is equipped with the corresponding varieties and quantities of fire fighting equipment, leakage emergency treatment equipment and appropriate containment materials.
Specific use purpose:	No data.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameter:	Use local ventilation or other engineering controls to keep air below recommended exposure limits. Ensure that the workplace has a safe place to bathe, wash eyes and body, and a safe place to care for them.
Personal protective device:	Respiratory protection: Wear a standard protective mask; Wear a portable respirator in case of emergency. Hand protection: Wear standard protective gloves. Eye protection: Chemical goggles are recommended. Skin and body protection: Wear appropriate protective clothing.
Maximum allowable concentration:	GBZ 2. 1-2007 Titanium dioxide (CI 77891) Dust: PC-TWA Total dust: 8mg/m ³

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White powder
Odor:	Odorless or slightly characteristic
Volatility:	None
pH:	Not Applicable
Dispersion:	Oil dispersion

SECTION 10: STABILITY AND REACTIVITY

Chemical stability:	Stable under recommended storage conditions.
Potential hazardous reactions:	No data.
What to avoid:	Avoid direct sunlight, high temperatures and humid air.
Incompatible materials:	Oxidants, strong acids, strong bases.
Hazardous decomposition:	None

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity:	No data.
Other information about acute toxicity:	No relevant data is available for categorization
Skin corrosion/allergy:	No data.
Severe eye injury/eye irritation:	No data.
Respiratory or skin allergy:	Not applicable.
Reproductive cell mutability:	No data.
Carcinogenicity:	No data.
Reproductive toxicity:	No data.
Teratogenicity:	No data.

Specific target organ toxicity:	No data.
Synergistic effect:	No data.



SECTION 12: ECOLOGICAL INFORMATION

Toxicity:	Titanium dioxide (CI 77891) : Fish toxicity LC 50 - Other fish - >1000mg/ l-96h Toxicity to fleas and other aquatic invertebrates EC 50 - Macrofleas (Daphnia) ->1000mg/l-48h EC 0 - Macrofleas (Daphnia) -1000mg/l-48h
Durability and degradability:	No data.
The potential for biological accumulations:	No data.
Transportation in soil:	No data.
Other adverse effects:	No data.

SECTION 13: DISPOSAL CONSIDERATION

Residual Waste:	Local regulations deal with. Empty containers or liners may retain some product residue, and these materials and their containers must be disposed of in a safe manner.
Contaminated Package:	Empty containers should be sent to approved waste disposal sites for recycling or disposal. There may be residual product in the container, so pay attention to label warnings even if the container is empty.

SECTION 14: TRANSPORT INFORMATION

UN Number:	None
Risk category:	None
Packaging classification:	None
Transportation precautions:	The packing should be complete and the loading should be secure. During transportation, it is necessary to ensure that the container does not leak, collapse, fall or damage.

SECTION 15: REGULATORY INFORMATION

Chinese laws and regulations:	This product is not included in GB 12268 "Dangerous Goods List". The ingredients in this product are not listed in the Catalogue of Hazardous Chemicals. This product is not included in the list of Railway dangerous Goods.
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SECTION 16: OTHER INFORMATION

Other Data:	SDS as a hazard information communication tool should be used to assist in risk assessment. The person in charge of the enterprise may only use this information as a useful supplement to other information received, and shall make an independent and appropriate evaluation of the information content to ensure the appropriate use of the product and to protect the health and safety of its employees. Many factors can be used to determine whether a hazard needs to be reported in the workplace or other placement as a hazard. Risk can be determined by reference to exposure.
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Disclaimer:

This safety specification is based on the best information we have about the safety and proper use of this product. However, we cannot guarantee its timeliness or any other express or implied information, and the Company shall not assume any liability for the use of such information. Users should use their own research to determine the best information for a particular use. Every user should read this instruction carefully before using the product. For more information to ensure a correct assessment, please contact us.