Chemgenes India Private Limited
simplifying the complex

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MATERIAL SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

1.1. Identification

Product Name: **CGI Drying Traps**
Product code : **CGIDT-01 to CGIDT-04**
Synonyms : Synthetic Zeolites

1.2. Recommended use and restrictions on use
No additional information available

1.3. Supplier
Manufacturer or supplier's

ChemGenes India Pvt. Ltd
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SECTION 2: HAZARD(S) IDENTIFICATION

2.1. Classification of the substance or mixture
GHS-US classification
Not classified

2.2. GHS Label elements, including precautionary statements GHS US labelling
No labelling applicable

2.3. Other hazards which do not result in classification
No additional information available

2.4. Unknown acute toxicity (GHS US)
Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances
Not applicable

3.2. Mixtures

Name Product identifier %
Contains no hazardous ingredients at levels requiring disclosure by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

SECTION 4: FIRST-AID MEASURES

4.1. Description of first aid measures

First-aid measures general: If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.

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First-aid measures after inhalation:	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
First-aid measures after skin contact:	IF ON SKIN (or clothing), remove affected clothing and wash all exposed skin with water for at least 15 minutes.
First-aid measures after eye contact:	IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

First-aid measures after ingestion: IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. Get medical attention if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation: May cause minor respiratory irritation.
Symptoms/effects after skin contact: May cause skin irritation.
Symptoms/effects after eye contact: Direct contact with eyes is likely to be irritating.
Symptoms/effects after ingestion: May cause gastrointestinal irritation.

4.3. Immediate medical attention and special treatment, if necessary
No additional information available

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Suitable (and unsuitable) extinguishing media
Suitable extinguishing media : Foam. Dry chemical powder.
Unsuitable extinguishing media : Carbon dioxide (CO2). Water spray.

5.2. Specific hazards arising from the chemical
Fire hazard : Not flammable.
Explosion hazard : Product is not explosive.
Reactivity : Reacts with water, generates heat.

5.3. Special protective equipment and precautions for fire-fighters
Firefighting instructions : Eliminate all ignition sources if safe to do so. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Do not dispose of fire-fighting water in the environment.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures
General measures : Evacuate area. Ventilate area. Keep upwind. Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.
6.1.1. For non-emergency personnel
Protective equipment: Wear Protective equipment as described in Section 8.
Emergency procedures: Evacuate unnecessary personnel.

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6.1.2. For emergency responders

Protective equipment: Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment : Sweep or shovel spills into appropriate container for disposal. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Minimise generation of dust. Prevent entry to sewers and public waters.

Methods for cleaning up : Clean up spills immediately and dispose of waste safely. Avoid dust formation. Clean contaminated surfaces with an excess of water. Dispose of in accordance with relevant local regulations.

6.4. Reference to other sections

See Sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Precautions for safe handling : Do not handle until all safety precautions have been read and understood. Provide good ventilation in process area to prevent formation of vapor. Ground all transfer equipment against electrostatic charge. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not breathe vapours. Keep away from sources of ignition - No smoking. Do not open warm or swollen product containers. Do not drop. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Store in original container. Keep container tightly closed in a cool, dry, and well-ventilated place. Store upright. Substance is hygroscopic. Store away from incompatible materials.

Storage temperature: < 24 °C (75.2 °F)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Not applicable

8.2. Appropriate engineering controls

Appropriate engineering controls: Do not breathe dust. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

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Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Provide adequate general and local exhaust ventilation to maintain exposures below the OSHA PEL and ACGIH TLV for quartz, silica, and other substances. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas. Take off immediately all contaminated clothing and wash it before reuse.

8.3. Individual protection measures/Personal protective equipment Personal protective equipment symbol(s):

Personal protective equipment:

Gloves. In case of dust production: protective goggles. Protective clothing. In case of inadequate ventilation wear respiratory protection.

Hand protection:

Frequent changes are advisable. Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suitable gloves should be recommended by the glove supplier.

Skin and body protection:

Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.

Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection. Where vapor, mist, or dust exceed PELs or other applicable OELs, use NIOSH- approved dust respiratory protective equipment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

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Physical state : Solid
Color : White, Grey, Tan
Odor : Odorless
Odor threshold : No data available
pH : No data available
Melting point : No data available
Freezing point: No data available
Boiling point : No data available
Flash point : No data available
Relative evaporation rate (butylacetate=1) : No data available
Flammability (solid, gas) : No data available
Vapor pressure : No data available
Relative vapor density at 20 °C : No data available
Relative density : 2.1 (water = 1)
Solubility : Insoluble in cold water.
Partition coefficient n-octanol/water (Log Pow) : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive limits : No data available
Explosive properties : No data available
Oxidizing properties : No data available

9.2. Other information

No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reacts with water, generates heat.

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

Hygroscopic. Reacts with water. This chemical is attacked by Hydrogen Fluoride. This chemical is attacked by Hydrogen Fluoride. Silica will dissolve in Hydrofluoric Acid and produce the corrosive gas Silicon Tetrafluoride (SiF4). [Quartz].

10.4. Conditions to avoid

Protect from water and moisture.

10.5. Incompatible materials

Fluorine. Chlorine trifluoride. Manganese trioxide. Oxygen Difluoride. Ammonia. Water and moisture. Hydrogen fluoride. Hydrogen peroxide.

10.6. Hazardous decomposition products

No additional information available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified
Skin corrosion/irritation : Not classified

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Serious eye damage/irritation : Not classified
Respiratory or skin sensitisation : 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
Viscosity, kinematic : No data available
Likely routes of exposure : Skin and eyes contact. Inhalation. Ingestion.
Symptoms/effects after inhalation : May cause minor respiratory irritation.
Symptoms/effects after skin contact : May cause skin irritation.
Symptoms/effects after eye contact : Direct contact with eyes is likely to be irritating. Symptoms/effects after ingestion : May cause gastrointestinal irritation.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity
No additional information available
12.2. Persistence and degradability
No additional information available
12.3. Bioaccumulative potential
No additional information available
12.4. Mobility in soil
No additional information available
12.5. Other adverse effects
No additional information available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Disposal methods

Waste treatment methods: Do not discharge to public wastewater systems without permit of pollution control authorities. No discharge to surface waters is allowed without an NPDES permit.

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.

SECTION 14: TRANSPORT INFORMATION

Department of Transportation (DOT)
In accordance with DOT
Not regulated for transport.

Transport by sea (IMDG)
Not regulated for transport.

Air transport (IATA)

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Not regulated for transport.

SECTION 15: REGULATORY INFORMATION

15.1. US Federal regulations

Drying Traps
This product either is statutorily exempt from TSCA and regulated under other laws (e.g, FFDCA; FIFRA), or is not statutorily exempt from TSCA. If statutorily exempt from TSCA, then the chemical substances in this product may not be listed on the TSCA Inventory, and LGC is making no representations about TSCA Inventory status or TSCA compliance for the chemical substances in this product. If not statutorily exempt from TSCA, then LGC, to the best of its ability, has confirmed that the chemical substances in this product are either listed as “Active” in the EPA (Environmental Protection Agency) “TSCA Inventory Notification (Active-Inactive) Requirements Rule” (“the Final Rule”) of Feb 2019, as amended Feb 2021 or are covered by TSCA Inventory exemptions.

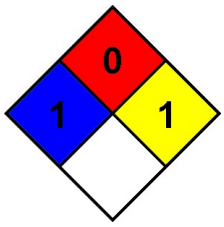
15.2. International regulations
No additional information available

15.3. US State regulations

This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

SECTION 16: OTHER INFORMATION

NFPA health hazard	: 1 - Materials that, under emergency conditions, can cause significant irritation.
NFPA fire hazard	: 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.
NFPA reactivity	: 1 - Materials that in themselves are normally stable but can become unstable at elevated temperatures and pressures.



HMIS Hazard Rating

Health	: 1
Flammability	: 0
Physical	: 1

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. **ChemGenes India Pvt. Ltd**. shall not be held liable for any damage resulting from handling or from contact with the above product.
