

Material Safety Data Sheet

Report No.: RSZBHST2407051304

Date of Issue: Aug. 02. 2024

TX-5 Nano Catalyst Series

1. IDENTIFICATION

(a) Product Details

Product Name: TX-5 Nano Catalyst Series
Model No: TX-5-C1/C2/S1
Brand: TX-5

(b) Other means of identification

Product Use: Air Purification

(c) Recommended use of the chemical and restrictions on use

Recommended use: Air Purification
Uses advised against:

(d) Details of the supplier of the Material safety data sheet

Supplier Name: Treasure Purification Technology (HK) Ltd
Supplier Address: Room C, 4th Floor, China Insurance Building, 48 Cameron Road, Tsim Sha Tsui, Kowloon, Hong Kong
Contact person: Kanley Ng
Supplier Email: kanleyng@tx-5.com.hk
Supplier Phone Number: +852-96006686

(e) Emergency telephone number

+852-96006686

2. HAZARDS IDENTIFICATION

(a) Classification

Classification according to Regulation (EC) No 1272/2008 The product is not classified according to the CLP regulation.

(b) GHS Label elements, including precautionary statements

The product does not need to be labelled in accordance with EC directives or respective national laws.

Precautionary Statements - No information available.

Specific treatment (No information available)

Get medical advice/attention if you feel unwell

Eyes

IF IN EYES: Rinse immediately with plenty of water, for a few minutes. Keep eye wide open while rinsing. If symptom persisting, seek immediate medical attention/advice.

Skin

IF ON SKIN: It is safety under normal use conditions. If irritation is experienced, stop using this



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product. If you feel unwell, call a POISON CENTER or doctor/physician.

Inhalation

It is safety under normal use conditions. If irritation is experienced, stop using this product. If you feel unwell, call a POISON CENTER or doctor/physician.

Ingestion

Seek immediate medical attention/advice.

Precautionary Statements – Storage

Store locked up.

Store in a well-ventilated place. Keep container tightly closed.

Precautionary Statements – Disposal

Dispose of contents/container to an approved waste disposal plant

(c) Hazards not otherwise classified (HNOC)

Not applicable

(d) Unknown Toxicity

No information available.

(e) Other information

May be harmful if swallowed

(f) Interactions with Other Chemicals

No information available.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	CAS No.	Percent of Content (%)
Water	7732-18-5	78.0
Alkyl polyglycosides	157707-88-5	3.0
Polyethylene glycol	25322-68-3	2.0
Glycine	56-40-6	10.0
L-Lysine	56-87-1	6.0
Citric Acid	77-92-9	1.0

Remark:

N/A means not applicable

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4. FIRST-AID MEASURES

(a) First aid measures

(b) General Advice

Get medical aid if required.

Eye contact:

Rinse immediately with plenty of water, for a few minutes. Keep eye wide open while rinsing. If symptom persisting, seek immediate medical attention/advice.

Skin contact:

It is safety under normal use conditions. If irritation is experienced. Remove contaminated clothes and rinse the skin with plenty of water. Get medical advice / attention if you feel unwell.

Inhalation:

Remove to fresh air. Consult doctor in case of complaints.

Ingestion:

If ingested, rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Get medical aid.

Self-protection of the first aider

Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required (see section 8).

(c) Indication of any immediate medical attention and special treatment needed

No information available.

5. FIRE-FIGHTING MEASURES

(a) Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

(b) Unsuitable extinguishing media

No information available.

(c) Specific Hazards Arising from the Chemical

Under fire conditions, this product may burn and Cause the release of hazardous combustion products: CO, CO₂, Irritating fumes.

(d) Protective equipment and precautions for firefighters

Firefighters must wear fire resistant protective equipment and appropriate breathing apparatus. The staff must equip with filtermask (full mask) or isolated breathing apparatus. The staff must wear the clothes which can defense the fire and the hazardous gas. Put out the fire in the upwind direction. Remove the container to the open space as soon as possible. Spray water on the containers in the fireplace to keep them cool until finish extinguishment.

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6. ACCIDENTAL RELEASE MEASURES

(a) Personal precautions, protective equipment and emergency procedures

Personal Precautions If product is burning, remove personnel from area until fumes dissipate. Provide maximum ventilation to clear out hazardous gases. Provide maximum ventilation. Avoid skin and eye contact or inhalation of vapors.

Other Information Refer to protective measures listed in Sections 7 and 8.

(b) Environmental Precautions

Environmental Precautions Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Should not be released into the environment. Do not allow to enter into soil/subsoil. Prevent product from entering drains.

(c) Methods and material for containment and cleaning up

Methods for Containment Collect all released material in a container. Prevent further leakage or spillage if safe to do so. Dispose off according to the local law and rules.

7. HANDLING AND STORAGE

(a) Precautions for safe handling

Handling Use with adequate ventilation. Avoid ingestion and inhalation.

(b) Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from moisture. Store locked up. Store away from other materials. Keep away from strong acids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

(a) Control parameters

Not further relevant information available.

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962(11th Cir., 1992) See section 15 for national exposure control parameters

Exposure Guidelines

Not further relevant information available.

(b) Appropriate engineering controls

Engineering Measures Showers
Eyewash stations

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Ventilation systems

(c) Individual protection measures, such as personal protective equipment

Eye/Face Protection	Not necessary under normal conditions.
Skin and body Protection	Not necessary under normal conditions.
Respiratory Protection	Not necessary under normal conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes. Do not eat, drink, or smoke in work area. Maintain good housekeeping.

9. PHYSICAL AND CHEMICAL PROPERTIES

(a) Physical and Chemical Properties

Appearance	Liquid
Odor	Unscented/Fresh
Color	Transparent
Odor Threshold	No information available

(b) Property

(c) Value

pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability	Not available.
Upper/lower flammability or explosive limits	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Water Solubility	Not available.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

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10. STABILITY AND REACTIVITY

(a) Reactivity

Stable under recommended storage and handling conditions.

(b) Chemical stability

Stable under recommended storage conditions.

(c) Possibility of hazardous reactions

None under normal processing.

(d) Hazardous Polymerization

Hazardous polymerization does not occur.

(e) Conditions to avoid

No information available.

(f) Incompatible materials

No information available.

(g) Hazardous decomposition products

No information available.

11. TOXICOLOGICAL INFORMATION

(a) Information on the likely routes of exposure

Product Information	Product does not present an acute toxicity hazard based on known or supplied information. In case of spillage. Specific test data for the substance or mixture is not available.
Inhalation	Inhalation of a large number of vapors or fumes released due to heat may cause respiratory. May cause irritation of respiratory tract.
Eye Contact	Specific test data for the substance or mixture is not available. It is safety under normal use conditions.
Skin contact	Specific test data for the substance or mixture is not available. It is safety under normal use conditions.
Ingestion	Specific test data for the substance or mixture is not available. Ingestion of this product may cause mouth, throat and intestinal irritation.

(b) Information on toxicological effects

Acute toxicity:	No data available.
Skin corrosion/irritation:	No data available.
Serious eye damage/irritation:	No data available.
Respiratory sensitization:	No data available.



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Skin sensitization:	No data available.
Carcinogenicity:	No data available.
Germ Cell Mutagenicity:	No data available.
Reproductive Toxicity:	No data available.
STOT-Single Exposure:	No data available.
STOT-Repeated Exposure:	No data available.
Aspiration Hazard:	No data available.

(c) Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Mutagenic Effects	No information available.
Carcinogenicity	No information available.
Reproductive Toxicity	No information available.
Chronic Toxicity	No information available.
Target Organ Effects	No information available.
Aspiration Hazard	No information available.

12. ECOLOGICAL INFORMATION

(a) Ecotoxicity

No information available.

(b) Persistence and Degradability

No information available.

(c) Bioaccumulation

No information available.

(d) Mobility in soil

No information available.

(e) Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Safe handling and methods of disposal

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Local regulations may be more stringent than regional or national requirements.

Product disposal recommendation: Observe local, state and federal laws and regulations.

Containers may be recycled or re-used. Observe local, state and federal laws and regulations.

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14. TRANSPORT INFORMATION

(a) UN number	Not dangerous goods
(b) UN Proper shipping name	Not dangerous goods
(c) Transport hazard class(es)	Not dangerous goods
(d) Packing group (if applicable)	Not dangerous goods
(e) Marine pollutant (Yes/No)	No
(f) Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)	No information available.
(g) Special precautions	No information available.

15. REGULATORY INFORMATION

(a) Safety, health and environmental regulations/legislation specific for the substance or mixture	
Section 355 (extremely hazardous substances):	None of the ingredients listed
Section 313 (specific toxic chemical listings):	None of the ingredients listed
TSCA (Toxic Substances Act):	No information available.
National Regulations:	
Water hazard class:	No information available.
Other regulation, limitations and prohibitive regulations:	None of the ingredients listed
Candidate List of Substances of very high concern (SVHC) according to ECHA (01/2017):	
(b) Chemical safety assessment	
A chemical safety assessment has not been carried out.	

16. OTHER INFORMATION

(a) Relevant hazard statements

No further relevant information available.

(b) Abbreviations and acronyms

TSCA :	Toxic Substances Control Act, The American chemical inventory.
DSL	Domestic Substances List
EINECS:	European Inventory of Existing Commercial chemical Substances
ENCS	Japanese Existing and New Chemical Substances
ECL:	Existing Chemicals List, the Korean chemical inventory.
IECSC:	Inventory of existing chemical substances in China.

(c) Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our

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knowledge,
 information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.



--End of Material Safety Data Sheet--