

MATERIAL SAFETY DATA SHEET
[MSDS]**XThruster Catalyst CL100**

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1. Product and Company Identification:**1.1 Product identifier**

The Catalyst for XThruster® thruster

1.2 Product No.

CL100

1.3 Relevant identified uses of the substance or mixture and uses advised against

Used in the catalytic effect of thrusters.

1.4 Details of the supplier of the safety data sheet

Comany & Supplier Name: Xinquan Tech Co., Ltd.
Address: P.O.BOX 20 Sanxia, New Taipei City 237932, Taiwan (R.O.C.)
TEL: +886 (0) 2 2671 4568 FAX: +886 (0) 2 2671 4569
e-mail: matador@ms10.honet.net Internet: www.xthruster.com

1.5 Emergency telephone number / FAX

+886 (0) 9 3218 3528 / +886 (0) 2 2671 4569

2. Composition Information on Ingredients

Chemical Characteristic: Compound		
Chemical Name	Percentage of Ingredients	Hazardous Substance Classification and Icons
1. Special vegetation processing Additive	70%	NO
2. Titanium Catalyst	25%	NO
3. Other	5%	NO

3. Hazards Indentification

Potential:	Health Effects
Inhalation:	Supply fresh air
Skin Contact:	Wash with water

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Eyes Contact:	Rinse opened eye for several minutes under running water.
Ingestion:	Rinse out mouth and then drink plenty of water.

4. First Aid Measures

Inhalation:	Person should be move to a fresh air environment.
Skin Contact:	Wash affected skin with soap and water. Seek medical attention if symptoms persist.
Eyes Contact:	Flush eyes with large amounts of water for at least 20 minutes. If irritation persists, consult a physician.
Ingestion:	Get medical attention immediately.

5. Fighting Measures

Suitable extinguishing agents: CO₂, extinguishing powder or water spray.

Fight Larger Fires with water spray or alcohol-resistant foam.

Use firefighting measures that suit the environment.

For the safety reasons, unsuitable extinguishing agent: Water-jet.

6. Accidental Release Measures

Dike and contain the spill with inert material (i.e., sand, earth, sawdust) and transfer liquid and solid diking material to separate containers for recovery or disposal.

Wash floor area with hot water solution.

Remove contaminated clothing and wash before reuse.

Wash affected skin area with soap and water.

Keep spill out of all sewers and bodies of water.

7. Handling and Storage

Information for safe handling: prevent formation of dust.

Information about protection against explosions and fires: keep breathing equipment ready.

Store under dry and well ventilated conditions in sealed containments.

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8. Exposure Controls / Personal Protection

Personal protective equipment:

1. Respiratory protection: the proper ventilation, general operation without wearing.
2. Eye protection: chemical splash glasses. Do not wear contact lenses.
3. Skin protection: General operating without wearing.
4. Other protection: in the exposed area to install emergency shower eyewash.

Personal hygiene measures:

1. Leave the work area, you should wash your hands with mild soap.
2. Before dining, drinking, smoking need to wash hands.

9. Stability and Reactivity

Stability: This product is stable under normal conditions.

Conditions to Avoid: Strong oxidizing agents.

Hazardous decomposition products: None.

Hazardous Polymerization: Will not occur normal circumstances.

10. Physical and Chemical Properties

From: Liquid	Shape: Normal	
Color: Transparent	Odor: None	
PH: 7 ± 0.5	Boiling: 198°C	
Freezing point: -25°C	Flash point : 111°C ↑ Test method: Open Cup	
Ignition Temp.: 398°C	Explosion Limits:	Lower Explosive Limit (LEL): 3.2%
		Upper Explosive Limit (LEL): 15.3%
Vapor the Pressure: 0.05 mmHg	Vapor Density: 0.95	
Density: 1.0 ± 0.03 (25°C)	Water Solubility: None Precipitation	

11. Toxicological Information

Acute Toxicity:	None
Inhalation:	None

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On the skin:	No irritant
On the eye:	No irritant
Sensitization:	None
Special Effects:	None
Chronic or Long-Term toxicity:	None

12. Ecological Information

Summary: Data for this material have been used to estimate its environmental impact. It has the following properties: a high potential to affect some aquatic organisms, some potential to biodegrade with acclimated microorganisms from activated sludge, a low potential to persist in the environment, and a low potential to bio concentrate.

General notes: Do not allow product to reach ground water, water bodies or sewage system.

13. Disposal Considerations

Product recommendation: Disposal must be made in according to official legislations.

Uncleanness packaging recommendation: Disposal must be made in according to official regulations.

14. Transport Information

Not classified as hazardous according to the Department of Transportation.

CAN No.: 61791-26-2 , 56-81-5 , 13463-67-7 , 8009-03-8

15. Regulatory Information

Designation according to EC guidelines: The product is not subject to identification regulations under ED directives and the Ordinance on.

Hazardous material: Observe the normal safety regulations when handling chemicals.

National regulations: The product is not dangerous in accordance with EC-Directives and no label is required.

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16. Other Information

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Make Date	18.07.2022

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