



M S D S

MATERIAL SAFETY DATA SHEET

Prepared for: ShenZhen Apaltek Co., Ltd.

B03/04/05,15th floor,block 2,Yicheng Huanzhi Center, Longhua District,
Shenzhen

Prepared by: Shenzhen CTB Testing Technology Co., Ltd.

Floor 1&2, Building A, No. 26 of Xinh Road, Xinqiao Community, Xinqiao
Street, Baoan District, Shenzhen, Guangdong, China.

Issue date: May 24, 2022

Report number: CTB220524053C

Written by: Spair Weng

Approved by: Ake

A circular blue logo with a serrated edge. The outer ring contains the text 'CTB TESTING TECHNOLOGY INTERNATIONAL'. The inner circle contains the letters 'CTB' in a bold, sans-serif font.

Shenzhen CTB Testing Technology Co., Ltd.

Floor 1&2, Building A, No. 26 of Xinh Road, Xinqiao Community, Xinqiao Street, Baoan District, Shenzhen, Guangdong, China

Tel: 4008-707-283

Email: ctb@ctb-lab.net

Web: <http://www.ctb-lab.net>

Page 1 of 7

Material Safety Data Sheet

Section 1-Identification of the substance/mixture and of the company/undertaking

Product details:

- **Product name:** Coolant
- **Product Model:** CM030002 (CL-20)
- **Trademarks:** /

SUMMARY:

MSDS conforms to the requirements of regulation, evaluation, authorization and restriction of chemicals (REACH) (Regulation (EC) No. 453/2010) and classification, Labeling and packaging of substances and mixtures (Regulation (EC) No 1272/2008)

·Manufacturer/Supplier:

GUANGDONG APALTEK LIQUID COOLING TECHNOLOGY CO., LTD.
NO 12, Xier Alley, Shenzhenzai Road, Qingxi, Dongguan

· Further information obtainable from:

ShenZhen Apaltek Co., Ltd.
B03/04/05,15th floor,block 2,Yicheng Huanzhi Center, Longhua District, Shenzhen

· Information in case of emergency:

ShenZhen Apaltek Co., Ltd.
B03/04/05,15th floor,block 2,Yicheng Huanzhi Center, Longhua District, Shenzhen

Section 2- Hazards Identification

Hazard Classification: Not a hazardous substance or mixture, as defined by the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

Hazard statement: Skin contact, loss of water may cause local primary irritation. It's bad for the eyes.

Invasive Routes: Inhalation, ingestion or skin contact.

Environmental hazards: It is toxic to aquatic organisms and may cause long-term damage to water bodies.

Material Safety Data Sheet

Section 3- Composition/Information on Ingredient

Chemical Name	CAS No.	In % By Weight
Water	7732-18-5	70.0%
Propylene glycol	57-55-6	16.9%
1-Tridecanol	112-70-9	0.9%
2-[2-(Dodecyloxy)ethoxy]ethanol	3055-93-4	10.6%
Polyoxyethylene ether	-	
1-Methoxy-2-propanol	107-98-2	
Benzotriazole	95-14-7	0.3%
Triethanolamine	102-71-6	1.1%
Phosphate	-	0.2%
Sulfonate	-	

Section 4- First Aid Measures

Skin exposure: Remove contaminated clothing and rinse thoroughly with plenty of running water.

Eyes touch: Immediately open upper and lower eyelids, with flowing water or normal saline rinse.

Inhalation: Remove from site to fresh air. Go to a doctor.

Ingestion: Drink plenty of warm water, induce vomiting, and seek medical advice.

Section 5- Fire Fighting Measures

Extinguishing method and extinguishing agent: Mist water, foam, carbon dioxide, dry powder, sand.

Fire protection measures: Fire fighters should wear gas masks and full-body fire suits to put out fire in upwind.

Material Safety Data Sheet

Section 6- Accidental Release Measures

EMT emergency treatment: Cut off the fire. Wear gas masks and general fire protective clothing. Rinse with plenty of water and put the diluted solution into the waste water system. In the case of large leakage, use the berm to receive, then collect, transfer, recycle or harmless treatment after abandonment.

Environmental protection measures: If safety can be ensured, measures can be taken to prevent further leakage or overflow. Do not allow products into the sewer.

Section 7- Handling and Storage Measures

Operation Precautions: Closed operation, full ventilation. Operators must be specially trained and strictly abide by the operating procedures. It is recommended that operators wear self-suction filter gas mask (half mask), wear chemical safety protection glasses, wear anti-toxic permeation overalls, and wear rubber gloves. Keep away from fire and heat sources. No smoking in the workplace. Use explosion-proof ventilation systems and equipment. Prevent leakage of steam into the workplace air. Avoid contact with oxidant and reductant. Handle with care to prevent damage to packaging and containers. Equipped with the corresponding variety and quantity of fire equipment and leakage emergency treatment equipment. Empty containers may contain harmful residue.

Storage precautions: Store in a cool, ventilated warehouse. Stay away from fire and heat. It should be stored separately with oxidant and reducing agent. Equipped with the corresponding variety and quantity of fire equipment. The storage area shall be equipped with emergency leakage treatment equipment and appropriate storage materials.

Section 8- Exposure Controls/Personal Protection

Engineering controls: Airtight operation, local exhaust. Provide safe shower and eye wash equipment.

Eye protection: Wear safety glasses as required.

Body protection: Wear work clothes

Hand protection: Wear protective gloves for general operations.

Breath protective: Wear a gas mask when exposed to high concentrations.

Health control: Smoking, eating and drinking water are prohibited at the workplace. After work, shower and change clothes. Maintain good hygiene.

Material Safety Data Sheet

Section 9- Chemical and Physical Properties

Appearance and traits	liquid	Gas taste	No data
pH	No data	Flash point(°C)	No data
Freezing point (°C)	No data	Density(water=1)	1.04
Decomposition temperature	No data	N-octanol/water partition coefficient	Not Applicable

Section 10- Stability and Reactivi

Stability: Very stable at room temperature, Under normal conditions of use does not occur dangerous reaction.

Prohibited compounds: Oxidant, reducing agent.

Polymerization hazard: no polymerization.

Hazardous decomposition products: No data.

Section 11- Toxicological information

Acute toxicity: LD50:21000 ~ 32200 mg/kg(rats through mouth)

Metabolism: No information

Irritation: No information

Corrosivity: No information

Sensitisation: No information

Repeated does toxicity: No information

Section 12- Ecological Information

Environmental assessment: Proper use and disposal are not expected to have any adverse impact on the environment.

Degradability: Stable during normal operation conditions.

Section 13- Disposal Considerations

Disposal measures: Managed in accordance with approved local, state and federal requirements. Consult state environmental agency and/or federal EPA. Recover using as local rules or laws.

Used material: Approved waste collection, sent to the designated waste disposal point.

Material Safety Data Sheet

Section 14 – Transport Information

IMDG-CODE:

Un No.: No data

UN transport name: Coolant

Hazards classification: No data

Marine pollutant(Y/N): N

Packing level: No data

Packaging method: Install in an airtight container, such as a plastic bucket

Shipping note: Packing to be complete when shipped, loading should be safe. Do not mix with acids, halogens, etc. In transit should prevent exposure to the sun, rain, anti-high temperature.

IMO/IMDG Classification: Not controlled under IMDG

ICAO/IATA-DG

Un No.: No data

UN transport name: Coolant

Hazards classification: No data

Marine pollutant(Y/N): N

Packing level: No data

Packaging method: Install in an airtight container, such as a plastic bucket.

Shipping note: Packing to be complete when shipped, loading should be safe. Do not mix with, acids, halogens, etc. In transit should prevent exposure to the sun, rain, anti-high temperature.

ICAO/IATA Classification: Not controlled under IATA

International transport regulations: transported in accordance with general cargo regulations

The mode of transportation: Air, sea, railway and highway.

Material Safety Data Sheet

Section 15- Regulatory information

- 《Dangerous Goods Regulation》
- 《Recommendations on Transport of Dangerous Goods Model Regulations》
- 《International Maritime Dangerous Goods》
- 《Technical Instructions for the Safe Transport of Dangerous Goods》
- 《Classification and code of dangerous goods》
- 《Occupational Safety and Health Act》 (OSHA)
- 《Toxic Substances Control Act》 (CPSA)
- 《Federal Environmental Pollution Control Act》 (FEPCA)
- 《The Oil Pollution Act》 (OPA)
- 《Superfund Amendments and Reauthorization Act III(302/311/312/313)》 (SARA)
- 《Resource Conservation and Recovery Act》 (RCRA)
- 《Safety Drinking Water Act》 (CWA)
- 《California Proposition 65》
- 《Code of Federal Regulations》 (CFR)

In accordance with all Federal, State and local laws.

Section 16- Other Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

Prepared By Shenzhen CTB Testing Technology Co., Ltd.

***** *End of document* *****