

Material Safety Data Sheet

according to ANSI Z400.1- 2004 and 29 CFR 1910.1200

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Trade name : PREMIUM GLASS CLEANER

Use of the
Substance/Mixture : Hard Surface Cleaner
Company : Tonyin Industrial Co., Ltd

571, QICHANGCHENG ROAD, HUANGDAO
DISTRICT, QINGDAO CITY, PRC

Emergency telephone :
number : Tel:+86-532-86945891
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2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance / Odor : blue/ liquid / pleasant

Immediate Concerns : No adverse effects expected when used as directed.

Potential Health Effects

Exposure routes : Eye, Skin, Inhalation, Ingestion.

Eyes : No adverse effects expected when used as directed.

Skin : No adverse effects expected when used as directed.

Inhalation : No adverse effects expected when used as directed.

Ingestion : May cause abdominal discomfort.

Aggravated Medical
Condition : None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous chemicals present at or above reportable levels as defined by OSHA 29 CFR 1910.1200 or the Canadian Controlled Products Regulations are listed in this table:

Chemical Name	CAS-No.	Weight percent
Ethyleneglycol	112-25-4	1.00 - 5.00
Monoheylether		

4. FIRST AID MEASURES

Eye contact : Rinse with plenty of water. Get medical attention if irritation develops and persists.

Skin contact : Rinse with plenty of water.

Inhalation : No special requirements

Ingestion : No special requirements

5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Specific hazards during firefighting	: Container may melt and leak in heat of fire.
Further information	: Fight fire with normal precautions from a reasonable distance. Standard procedure for chemical fires. Wear full protective clothing and positive pressure self-contained breathing apparatus.
Flash point	: > 95 °C > 203 °F Method: Tag Closed Cup (TCC)
Lower explosion limit	: Note: no data available
Upper explosion limit	: Note: no data available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	: No special precautions required.
Environmental precautions	: Outside of normal use, avoid release to the environment.
Methods for cleaning up	: Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Dike large spills. Clean residue from spill site.

7. HANDLING AND STORAGE

Handling

Advice on safe handling	: Use only as directed. KEEP OUT OF REACH OF CHILDREN AND PETS.
Advice on protection against fire and explosion	: Normal measures for preventive fire protection.

Storage

Requirements for storage areas and containers	: Keep container closed when not in use. Keep in a dry, cool and well-ventilated place.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

Personal protective equipment

<i>Respiratory protection</i>	No personal respiratory protective equipment normally required.
<i>Hand protection</i>	: No special requirements.
<i>Eye protection</i>	No special requirements.

Skin and body protection	: No special requirements.
Hygiene measures	: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: liquid
Color	: blue
Odor	: pleasant
pH	: 3.3
Boiling point	: no data available
Freezing point	: no data available
Flash point	: > 95 °C > 203 °F Method: Tag Closed Cup (TCC)
Evaporation rate	: no data available
Flammability (solid, gas)	: no data available
Auto-ignition temperature	: no data available
Lower explosion limit	: no data available
Upper explosion limit	: no data available
Vapour pressure	: no data available
Density	: no data available
Water solubility	: completely soluble
Viscosity, dynamic	: no data available
Viscosity, kinematic	: no data available
Volatile Organic Compounds Total VOC (wt. %)*	: 0.5 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations

10. STABILITY AND REACTIVITY

Conditions to avoid	: None known.
Materials to avoid	: Strong oxidizing agents
Materials to avoid	: None known.
Hazardous decomposition products	: Thermal decomposition can lead to release of irritating gases and vapours.
Hazardous reactions	: Stable under recommended storage conditions.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50
estimated
> 5,050 mg/kg

Acute inhalation toxicity : LC50
estimated
2.58 mg/l

Acute dermal toxicity : LD50
estimated
> 5,050 mg/kg

Chronic effects

Carcinogenicity : None Anticipated

Mutagenicity : None Anticipated

Reproductive effects : None Anticipated

Teratogenicity : None Anticipated

Sensitisation : Substance is not a sensitizer.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects : no data available

13. DISPOSAL CONSIDERATIONS

Observe all applicable Federal, Provincial and State regulations and Local/Municipal ordinances regarding disposal.
Consumer may discard empty container in trash, or recycle where facilities exist.

RCRA waste class : D001 (Ignitable Waste)

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

Land transport

▪ U.S. DOT and Canadian TDG Surface Transportation:

Proper shipping name : not regulated
Class: : None.
UN/ID No.: : None.
Packaging group : None.

Sea transport

▪ IMDG:
Proper shipping name : not regulated

Class: None.
UN/ID No.: None.
Packaging group: None.

Air transport

▪ ICAO/IATA:
Proper shipping name: not regulated
Class: None.
UN/ID No.: None.
Packaging group: None.

15. REGULATORY INFORMATION

Notification status : All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Notification status : All ingredients of this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

California Prop. 65 : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Canada Regulations : This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

16. OTHER INFORMATION

HMIS Ratings

Health	0
Flammability	1
Reactivity	0

NFPA Ratings

Health	0
Fire	1
Reactivity	0
Special	-

This information is being provided in accordance with Occupational Safety and Health Administration (OSHA) and Canada's Workplace Hazard Material Information System (WHMIS) regulations. The information supplied is designed for workplaces where product use and frequency of exposure exceeds that established for the labeled consumer use.

Further information

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