

# Safety data sheet

## WINDSHIELD CLEANER (1:100)

Version 1.0

Effective date: 03-03-2025

### SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY / UNDERTAKING

#### 1.1 Product identifier.

**Trade name:** WINDSHIELD CLEANER (1:100).

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against:

**Product use:** Windshield cleaner.

#### 1.3 Details of the supplier of the safety data sheet:

**Manufacturer:** Tonyin Industrial Co.,Ltd  
571, QICHANGCHENG ROAD, HUANGDAO DISTRICT, QINGDAO CITY, PRC  
TEL: +86-532-86945891  
www.glanzlab.com

#### 1.4 Emergency telephone number:

Use your national or local emergency number.

United Kingdom: Contact The National Poisons Information Service (dial 111, 24 h service).

### SECTION 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture according to CLP No 1272/2008.

Acute Tox. 4; H302+H332, Skin Irrit. 2; H315, Skin Sens. 1; H317, Eye Irrit. 2; H319, Aquatic Chronic 3, H412.

#### 2.2 Label elements CLP No 1272/2008.

##### Hazard pictograms:



##### Signal word:

Warning

**Contains:** 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., inner salts, 5-chloro-2-methyl-2H-isothiazol-3-one.

##### Hazard statements:

H302+H332 Harmful if swallowed or if inhaled.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation

H412 Harmful to aquatic life with long lasting effects.

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### Precautionary statements:

General:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

Prevention:

P261 Avoid breathing mist.

P280 Wear protective gloves/protective clothing/eye protection.

Response:

P301 + P312 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.

P302 + P352 IF ON SKIN: Wash with soap and water.

P333 + P313 If skin irritation or a rash occurs: Get medical advice/attention.

Storage:

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Disposal:

P501 Dispose of contents/container to an approved waste disposal plant.

### Additional labeling regulation No 648/2004:

Contains  $\geq 30\%$  amphoteric surfactants,  $15 < 30\%$  anionic surfactants.

### 2.3 Other hazards.

Contains no PBT or vPvB substances according to REACH No 1907/2006.

This mixture does not contain substances with endocrine disrupting properties in accordance with the criteria laid down in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substance:

The product is a mixture.

### 3.2 Mixture:

CAS/EC No.	REACH No.	Name	Content %	Classification CLP
61789-40-0 / 263-058-5	Exempted	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., inner salts	60<100	Skin Irrit. 2; H315, Skin Sens. 1; H317, Eye Irrit. 2; H319, Aquatic Chronic 3, H412.
9004-82-4 / 933-296-3	Exempted	Sodium dodecylpoly-(oxyethylene) sulfate	15-25	Skin Irrit. 2; H315, Eye Irrit. 2; H319.
26172-55-4 / 247-500-7	Exempted	5-chloro-2-methyl-2H-isothiazol-3-one	~1	Acute Tox. 2; H301+H310+H330, Skin Corr. 1B; H314, Skin Sens. 1; H317, Eye Dam. 1; H318, Aquatic Acute 1; H400 (M=1).

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See full text of H-phrases in section 16. Occupational limits, where applicable, are listed in section 8.

### SECTION 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures.

<b>General information:</b>	When in doubt or if symptoms are observed, get medical advice. Take this safety data sheet with you.
<b>Inhalation:</b>	Seek fresh air if discomfort persists. If symptoms persist, consult doctor.
<b>Skin contact:</b>	Remove all contaminated clothes. Wash skin thoroughly with soap and water. If skin irritation or a rash occurs: Get medical advice/attention.
<b>Eye contact:</b>	Bathe the eye with running water for several minutes. Make sure you flush under the upper and lower eyelids. If eye irritation persists, get medical advice/attention.
<b>Ingestion:</b>	Rinse mouth with water and spit out. Immediately consult a doctor.

#### 4.2 Most important symptoms and effects, both acute and delayed:

May cause skin irritation.  
May cause an allergic skin reaction.  
May cause serious eye irritation.

#### 4.3 Indication of any immediate medical attention and special treatment needed:

Treat symptomatically.

### SECTION 5. FIRE FIGHTING MEASURES

**5.1 Extinguishing media:** CO<sub>2</sub>, foam, extinguishing powder, water mist.

#### Extinguishing media which must not be used for safety reasons:

None known.

#### 5.2 Special hazards arising from the substance or mixture:

In case of fire, harmful decomposition products may be formed, do not inhale.

**5.3 Advice for firefighters:** Do not enter fire area without proper protective equipment, including respiratory protection. Cool exposed containers with water spray.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures:

See section 8 for recommendations on the use of personal protective equipment. Avoid contact with skin, eyes and clothing.  
Avoid breathing mist.

#### 6.2 Environmental precautions:

Prevent accidental entry to sewers and public waters.

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### 6.3 Methods and material for containment and cleaning up:

Small spills: wipe up with absorbent material (e.g. cloth, fleece).

Large spills: use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in suitable closed container for disposal, according to local regulations. Then rinse the spillage site with plenty of water. Dispose of in accordance with section 13.

### 6.4 Reference to other sections:

See section 8 for personal protection.

See section 13 for disposal.

## SECTION 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

See section 8 for recommendations on the use of personal protective equipment.

Avoid direct contact with the product.

Avoid breathing mist.

Contaminated work clothing should not be allowed out of the workplace.

Remove contaminated clothing and protective equipment before entering eating areas. Take off contaminated clothing and wash before reuse.

Do not eat, drink or smoke when using this product.

### 7.2 Conditions for safe storage, including any incompatibilities:

Store in a cool, dry, well-ventilated location. Keep out of reach of children.

Keep container tightly closed. Keep only in original container.

### 7.3 Specific end use(s):

See section 1.2.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### Occupational exposure limits EH40:

Contains no substances with occupational exposure limits.

#### DNEL / PNEC:

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### 8.2 Exposure controls.

#### Appropriate technical measures:

Normal room ventilation.

#### General information:

Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom. Always wash hands, forearms and face. Make sure that eyewash and emergency showers are available.

Take off contaminated clothing and wash before reuse.

Avoid contact with skin, eyes and clothing.

#### Personal protective equipment:

Only CE-marked personal protection equipment should be used.

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<b>Respiratory protection:</b>	In case of mist formation use wear appropriate respiratory protection.
<b>Hand protection:</b>	Wear impervious gloves. Gloves must conform to EN 374. Option: Nitrile gloves. Breakthrough time $\geq 60$ min. Thickness: $>0.11$ mm.
<b>Eye protection:</b>	Wear tightly safety goggles. EN 166.
<b>Body protection:</b>	Impermeable protective clothing.
<b>Measures to avoid environmental exposure:</b>	No special precautions are necessary.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties.

Physical state:	Liquid
Colour:	Product specific
Odour:	Characteristic
Melting point/freezing point:	Not relevant/no data
Boiling point:	Not relevant/no data
Flammability:	Not relevant/no data
Lower and upper explosion limit:	Not relevant/no data
Flash point:	Not relevant/no data
Auto-ignition temperature:	Not relevant/no data
Decomposition temperature:	Not relevant/no data
pH:	$\sim 7$
Kinematic viscosity:	Not relevant/no data
Solubility:	Not relevant/no data
Partition coefficient n-octanol/water:	Not relevant/no data
Vapour pressure:	Not relevant/no data
Density and/or relative density:	Not relevant/no data
Relative vapour density:	Not relevant/no data
Particle characteristics:	Not relevant/no data

### 9.2 Other information:

None

## SECTION 10. STABILITY AND REACTIVITY

<b>10.1 Reactivity:</b>	No dangerous reactions known under normal conditions of use.
<b>10.2 Chemical stability:</b>	Stable under normal conditions.
<b>10.3 Possibility of hazardous reactions:</b>	None known if used and storage as recommended.
<b>10.4 Conditions to avoid:</b>	None known.
<b>10.5 Incompatible materials:</b>	Strong acids, strong bases, strong reducing agents.
<b>10.6 Hazardous decomposition products:</b>	None at recommended storage conditions.

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008/GB CLP.

<b>Acute toxicity:</b>	Harmful if swallowed or if inhaled.  Product ATE: Oral: 500 - 1500 mg/kg Dermal: >2000 mg/kg Inhalation mist: 3 – 5 mg/l/4 h.
<b>Skin corrosion/irritation:</b>	Causes skin irritation.
<b>Serious eye damage/irritation:</b>	Causes serious eye irritation
<b>Respiratory or skin sensitization:</b>	May cause an allergic skin reaction.
<b>Germ cell mutagenicity:</b>	Not classified.
<b>Carcinogenicity:</b>	Not classified.
<b>Reproductive toxicity:</b>	Not classified.
<b>Specific target organ toxicity - single exposure:</b>	Not classified.
<b>Specific target organ toxicity – repeated exposure:</b>	Not classified.
<b>Aspiration hazard:</b>	Not classified.

#### 11.2 Information on other hazards:

**Endocrine disrupting properties:**  
The product/substance has no endocrine disrupting properties.

**Additional information:** -

### SECTION 12. ECOLOGICAL INFORMATION

<b>12.1 Toxicity:</b>	Harmful to aquatic life with long lasting effects.
<b>12.2 Persistence and degradability:</b>	No data available.
<b>12.3 Bioaccumulative potential:</b>	No known potential.
<b>12.4 Mobility in soil:</b>	No data available.

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### 12.5 Result of PBT and vPvB assessment:

This mixture does not meet the criteria for PBT or vPvB according to Regulation.

### 12.6 Endocrine disrupting properties:

The product/substance has no endocrine disrupting properties.

### 12.7 Other adverse effects:

None known.

## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods:

Avoid release to the environment.

Dispose of in accordance with internal procedures and rules.

The coding of a waste stream is based on the application of the product by the consumer – end-user.

Option:

### EWC:

20 01 29\* detergents containing dangerous substances.

### Contaminated packing:

Properly cleaned container is disposed of according to packaging material, otherwise for incineration. Or: 15 01 10\* packaging containing residues of or contaminated by dangerous substances.

## SECTION 14. TRANSPORT INFORMATION

This product is not classified as dangerous to transport.

	ADR/RID	IMDG/IMO
14.1 UN number or ID number	Not relevant	Not relevant
14.2 UN proper shipping name	Not relevant	Not relevant
14.3 Transport hazard class(es)	Not relevant	Not relevant
14.4 Packing group	Not relevant	Not relevant
14.5 Environmental hazards – MP EmS:	No Not relevant	No Not relevant
Other informations	LQ: Not relevant Tunnel: Not relevant	LQ: Not relevant Tunnel: Not relevant

### 14.6 Special precautions for user:

Not relevant.

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### 14.7 Maritime transport in bulk according to IMO instruments:

Not relevant.

## SECTION 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Current ADR regulations 2023. Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013. Regulation (EU) 2016/425 of 9 March 2016 on personal protective equipment. Hazardous Waste (England and Wales) Regulations 2005 (as amended). EC regulation 1907/2006 (REACH) Directive 2000/532/EC. Seveso directive: 96/82/EC. EC regulation No 2020/878. CLP regulation No 1272/2008. REACH regulation 1907/2006. GB CLP. Detergent regulation No 648/2004.

#### Additional information:

People under the age of 18 must not be exposed to this product. Council Directive 94/33/EC.

### 15.2 Chemical safety assessment:

No chemical safety assessment has been carried out for this substance/mixture by the supplier.

## SECTION 16. OTHER INFORMATION

### Full text of H-phrases as mentioned in section 3:

H300+H310+H330 Fatal if swallowed, in contact with skin or if inhaled.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H412 Harmful to aquatic life with long lasting effects.

#### Additional information:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

#### List of abbreviations:

LD50: Lethal Dose, 50%.

LC50: Lethal Concentration 50%.

PBT: Persistent, bioaccumulative, toxic.

vPvB: very Persistent, very Bioaccumulative.

Acute Tox.: Acute toxicity

ATE: Acute Toxicity Estimate

CAS: Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)

Ceiling-C: Ceiling value

DGR: Dangerous Goods Regulations (see IATA/DGR)

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

EmS: Emergency Schedule

Eye Dam. Seriously damaging to the eye

Eye Irrit.: Irritant to the eye

GHS: "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations



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IATA: International Air Transport Association

IATA/DGR: Dangerous Goods Regulations (DGR) for the air transport (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical instructions for the safe transport of dangerous goods by air

IMDG: International Maritime Dangerous Goods Code

IMDG-Code: International Maritime Dangerous Goods Code

LC50: Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval

MARPOL: International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")

Met. Corr. Substance or mixture corrosive to metals

NLP: No-Longer Polymer

Ox. Liq.: Oxidising liquid

PBT: Persistent, Bioaccumulative and Toxic ppm Parts per million

Skin Corr.: Corrosive to skin

Skin Irrit.: Irritant to skin

STEL: Short-term exposure limit

TWA: Time-weighted average

UN RTDG: UN Recommendations on the Transport of Dangerous Good

vPvB: Very Persistent and very Bioaccumulative

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