

MATERIAL SAFETY DATA SHEET

**In compliance with Regulation (EC) No. 1907/2006 (REACH)
as amended by Regulation (EU) No. 453/2010
SHINY GLASS CLEANER**

Revision Number :02

GBF No :09

Revision Date:28.05.2015

Issue Date :15.01.2011

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : SHINY GLASS CLEANER

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

Identified uses : Alcohol-based glass cleaning agent.

1.3. Details of the supplier of the safety data sheet

Supplier : TARSAN GIDA TURİZM İNŞAAT OTOMOTİV SANAYİ DIŞ TİCARET VE PAZARLAMA A. Ş.

Address : İzzettin Köyü Bahar Sok., No:13 34540 Çatalca / İSTANBUL / TURKEY

Telephone : +90 212 7962334-35

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Web Address : www.tarsan.com.tr

E-Mail : info@tarsan.com.tr

1.4 Emergency telephone number

Tel : +90 212 7962334-35

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) no.1272/2008 (CLP/GHS):

Physical and Chemical Hazards : Eye Irrit .2 : H319

Human health : Eye Irrit.2 : H 319

Environment : Non Know

Classification (1999/45/EEC)

2.2. Label elements:

Label In Accordance With (EC) No. 1272/2008

Symbol(s)



GHS07

Signal Words: Warning

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Hazard Statements:

H 319 : Causes serious eye irritation.

Precautionary Statements:

P102 : Keep out of reach of children.

P210 : Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P233 : Keep container tightly closed.

P264 : Wash hands thoroughly after handling.

P280 : Wear eye protection.

P305 +P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention

P410 +P 412 : Protect from sunlight. Do no expose to temperatures exceeding 50 °C/122 °F.

2.3 Other hazards:

This product does not contain any PBT or vPvB substances.

May cause irritation the eyes temporarily.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Name	CAS No	EINECS No	Contect %	Classification (67/548/EEC)	Classification (EC 1272/2008)
Alcohols,C9-11 ethoxylates	68439-46-3	-	< 5	Xn;R22 Xi;R41 N;R52/53	Not classified
Alcohols, C10-16 ethoxylates, sulfates sodium salts	68585-34-2	500-223-8	<5	Xi;R38-R41	Not classified
Propane-2-ol	67-63-0	200-661-7	<5	Xi;R36 F;R11-R67	Flam.Liq.2:H 225 Eye Irrt. Cat 2-H319 STOT SE, Cat 3-H336

3.2 Mixtures

Not applicable

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4. FIRST-AID MEASURES

4.1 Description of first aid measures:

General information:

General first aid, rest, warmth and fresh air. Get medical attention if any discomfort continues.

Inhalation :

Remove exposure and give water to drink if mouth irritation experienced. Seek medical advice if recovery not rapid.

Ingestion

Drink water. If symptoms persist seek medical advice.

Skin contact

Rinse affected area with water .

4.2. Most important symptoms and effects, both acute and delayed

Inhalation : *Possible mild irritation of breathing passage and possible mouth irritation.*

Ingestion : *May cause a light irritation of the linings of the mouth,throat and gastrointestinal tract*

Skin contact : *Repeated exposure may cause skin dryness or cracking.*

Eye contact : *Rinse thoroughly with water for several minutes. If symptoms persist seek medical advice.*

4.3 Indication of any immediate medical attention and special treatment needed

Treat Symptomatically.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing: *Water spray. Polyvalent foam. BC powder. Carbon dioxide.*

Not suitable: *No unsuitable extinguishing media known.*

5.2 Special hazards arising from substance or mixture:

Upon combustion: CO and CO₂ are formed.

5.3 Advice for firefighters:

Gloves. Safety glasses. Protective clothing. Heat/fire exposure: compressed air/oxygen apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Keep ignition sources away, ensure that the area is well ventilated, protect breathing.

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Anti-splashglasses. Full protection garments. Boots. Gloves

6.2 Environmental precautions

Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Take up liquid spill into absorbent material. Scoop absorbed substance into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling.

6.4. Reference to other sections

For personal protection, see section 8.

See section 11 for additional information on health hazards.

For waste disposal, see section 1

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Keep away from naked flames/heat. Observe normal hygiene standards. Keep container tightly closed.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Storage temperature: <50 °C. Keep container in a well-ventilated place. Protect against frost. Meet the legal requirements. Heat sources, oxidizing agents, reducing agents, (strong) acids, (strong) bases.

Storage class : 3A (Flammable liquids

Suitable packaging : Must only be kept in original packaging

7.3. Specific end use(s)

If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

<i>Name</i>	<i>STD</i>	<i>TWA(8 hours)</i>	<i>Stell (15 min)</i>	<i>Notes</i>
<i>Propan-2-ol</i>	<i>OEL</i>	<i>980 mg/m³</i>	<i>1225 mg/m³</i>	<i>-</i>

OEL = Occupational Exposure Limit

8.2. Exposure controls

Protective equipment

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Appropriate technical controls: *Recommended well-ventilated areas
Individual protection means such as gloves, glasses*

Eye/face protection

(EN 166) : *No special recommendations.*

Skin protection

Hand protection

(EN 374) : *No special recommendations.*

Body protection

(EN 14605): *Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.*

Respiratory protection

(EN 143, 14387): *A respirator is not needed under normal and intended conditions of product use.*

Environmental exposure controls: *Do not allow to spread in the environment and enter drains or water courses.*

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state : *Liquid.*

Colour : *Blue. [Light]*

Odour : *Fragrance-like*

Odour threshold : *Not applicable and/or not determined for the mixture.*

pH : *7 to 9 [Conc. (% w/w): 100%]*

Melting point/freezing point : *Not applicable and/or not determined for the mixture.*

Initial boiling point and boiling range :

Not applicable and/or not determined for the mixture.

Flash point : *> 60 °C*

Evaporation rate : *Not applicable and/or not determined for the mixture.*

Flammability (solid, gas) : *Not applicable and/or not determined for the mixture.*

Burning time : *Not applicable and/or not determined for the mixture.*

Burning rate : *Not applicable and/or not determined for the mixture.*

Upper/lower flammability or explosive limits: *Not applicable and/or not determined for the mixture.*

Vapour pressure : *Not applicable and/or not determined for the mixture.*

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Vapour density : *Not applicable and/or not determined for the mixture.*

Relative density : *0.898 to 0.903*

Solubility(ies) : *Easily soluble in the following materials: cold water and hot water.*

Partition coefficient: noctanol/water: *Not applicable and/or not determined for the mixture.*

Auto-ignition temperature : *Not applicable and/or not determined for the mixture.*

Decomposition temperature : *Not applicable and/or not determined for the mixture.*

Viscosity : *Not applicable and/or not determined for the mixture.*

Explosive properties : *Not applicable*

Oxidising properties : *None.*

9.2. Other information

No additional information

10. STABILITY AND REACTIVITY

10.1. Reactivity

Heating increases the fire hazard. Substance has neutral reaction.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4. Conditions to avoid

Keep away from naked flames/heat.

10.5. Incompatible materials

No specific data.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicity values :

<i>Route</i>	<i>Species</i>	<i>Test</i>	<i>Value</i>	<i>Units</i>
<i>Propan-2-ol: ORL</i>	<i>RAT</i>	<i>LD 50</i>	<i>5045</i>	<i>mg/kg</i>
	<i>RABBIT</i>	<i>LD 50</i>	<i>12800</i>	<i>mg/kg</i>
	<i>RAT</i>	<i>LC50(4 h inhalation)</i>	<i>46,5</i>	<i>mg/l</i>

Symptoms /routes of exposure

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Skin contact : *Excessive exposure may cause irritation, if absorbed through the skin could be harmful*

Eye contact : *Serious damage to eyes, may cause irritation. Direct contact with eyes may cause temporary discomfort to tear or conjunctival redness.*

Respiratory Exposure ;

Inhalation of vapors and aerosols may cause irritation of the respiratory tract, sore throat and cough can be seen.

Delayed/ immediate effect : *Immediate effects can be expected after long- term exposure.*

Other Information : *Not applicable.*

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Species	Test	Value	Units
E Propan-2-ol:fish	96 h. LC 50	9640	mg/l
Daphia magna	48 h. EC 50	13299	mg/l

12.2. Persistence and degradability

The content of surfactant and organic matter in the product are easily degraded Biologically.

12.3. Bioaccumulative potential

No data available .

12.4. Mobility in soil

No data available .

12.5. Results of PBT and vPvB assessment

This substance is not identified as a PBT substance

12.6. Other adverse effects

The product has not been tested . Data apply to the components with the highest toxicological risk

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal operations : *Disposal the absorbed material in facility with in appropriate licence by burning.*

Disposal of packaging : *Waste and used packaging must be disposal in accordance with official regulations.*

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14. TRANSPORT INFORMATION

14.1. UN number

UN No. (ADR/RID/ADN) : Not applicable. Product is not classified as dangerous in transport

UN No. (IMDG) : Not applicable. Product is not classified as dangerous in transport

UN No. (ICAO) : Not applicable. Product is not classified as dangerous in transport

14.2. UN proper shipping name

Proper Shipping Name : Ethyl Alcohol Solution

14.3. Transport hazard class(es)

ADR/RID/ADN : Not applicable. Product is not classified as dangerous in transport

ADR/RID/ADN : Not applicable. Product is not classified as dangerous in transport

ADR Label No : Not applicable. Product is not classified as dangerous in transport

Transport Labels : Not applicable. Product is not classified as dangerous in transport

14.4. Packing group

ADR/RID/ADN Packing group : Not applicable. Product is not classified as dangerous in transport

IMDG Packing group : Not applicable. Product is not classified as dangerous in transport

ICAO Packing group : Not applicable. Product is not classified as dangerous in transport

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

Not applicable. Product is not classified as dangerous in transport

14.6. Special precautions for user

Special precautions : No special precautions.

Transport category : D/E

Tunnel code : 3

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

15. REGULATORY INFORMATION

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

Uk Regulatory References

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

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16. OTHER INFORMATION

Information Sources

This safety data sheet is prepared accordance with Commission Regulation (EU)No. 1907/2006.

Revision Comments

This form is designed for the first time for this product.

Issued By

Buket DEMİRKOL / Chemist

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Phrases used in s.2 and 3:

H225 Highly flammable liquid and vapour

H319 Causes serious eye irritation

Legal Disclaimer

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.