



MATERIAL SAFETY DATA SHEET

according to Regulation (EU) No. 2015 / 830

Date : 02.05.2023

Revision : 03

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SECTION 1. Identification of the Substance/Mixture and of the Company Undertaking

1.1. Product Code : ATOLL GLOSS GIA

Product Name : GLOSS ENHANCER

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

Relevant identified uses : Paper Impregnation process release agent and process aid

1.3. Details of the supplier of the Safety Data Sheet :

Manufacturer: ATOLL KİMYA TEKNOLOJİ SAN. VE TİC. LTD. ŞTİ.

İKİTELLİ OSB. DERSANKOOP SAN SİT S-6-C. 125 BAŞAKŞEHİR / İSTANBUL

Phone : +90-212 - 671 86 40

e-mail : info@atollkimya.com

1.4. Emergency telephone number

+90 532-365 13 84 (7 days - 24 hours)

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards Not classified.

Human health Not classified.

Environment Not classified

2.2. Label elements

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

Not classified. No pictogram required.

Hazard Statements

Not classified.

Precautionary Statements

Not classified.

2.3. Other hazards

This product does not contain another predicted danger.

SECTION 3. Composition / information on ingredients

3.2. Mixtures

Name	EC No.	CAS No.	Content	Classification ((EC) No 1272/2008)
2,2'-oxydiethanol	203-872-2	111-46-6	25-50 %	Acute Tox. 4 - H302
2-(2-butoxyethoxy)ethanol	203-961-6	112-34-5	5 - 10 %	Eye Irrit. 2 - H319

The Full Text for all Hazard Statements are Displayed in Section 16.



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SECTION 4. First aid measures

4.1. Description of first aid measures

Inhalation

Get medical attention if any discomfort continues.

Ingestion

Never make an unconscious person vomit or drink fluids! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

Skin contact

Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye contact

Take victim immediately from exposure area to another location. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention if any discomfort continues.

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

No information available.

4.3. Indication of any immediate medical attention and special

No specific treatment. Treat symptomatically.

SECTION 5. Fire - fighting measures

Suitable extinguishing media : All regular extinguishing media can be used .

Select fire fighting measures suitable to surrounding environment.

- Specific hazards during fire fighting : Combustible.
In case of fire dangerous vapours / gases can be generated : Smoke gases .
- Special protective equipment for fire - fighters : Suitable protective clothes and respiratory protection .
- Additional information : Prevent fire extinguishing water from contaminating surface water , the ground water system or soil. Residues must be deposited according to local regulations .

SECTION 6. Accidental release measures

- Personal protective measures: Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes. In case of spills, beware of slippery floors and surfaces.
- Environmental protective measures: Prevent from entering into drains.
- Methods for cleaning: Absorb with liquid-binding material: Sand, silica gel, acid binder, universal binder, saw dust.
Flush with plenty of water to clean spillage area.



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SECTION 7. Handling and storage

- Handling: Keep away from open fire.

Read and follow manufacturer's recommendations. Avoid contact with skin and eyes. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product. Observe good chemical hygiene practices.

- Storage:

- Requirements for storage areas and containers:

Tightly closed. Store at a dry place. At room temperature (+15°C to +25°C).

- Advices on common storage: Not required.

- Additional informations to storage conditions: none

SECTION 8. Exposure controls / personal protective equipment

8.1. Control parameters

2,2'-oxydiethanol

Long-term exposure limit (8-hour TWA): WEL 23 ppm 101 mg/m³

2-(2-butoxyethoxy)ethanol

Long-term exposure limit (8-hour TWA) : WEL 10 ppm 67.5 mg/m³

Short-term exposure limit (15-minute) : WEL 15 ppm 101.2 mg/m³

8.2. Exposure controls

Protective equipment

Goggles, gloves, clothing

Process conditions

Provide eyewash, quick drench

Engineering measures

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

Respiratory equipment

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

Hand protection

Use suitable protective gloves if risk of skin contact. Neoprene, nitrile, polyethylene or PVC. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Before removing gloves clean them with soap and water.

Eye protection

If risk of splashing, wear safety goggles or face shield.

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. When using do not eat, drink or smoke.

Skin protection

Protection suit must be worn.



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SECTION 9. Physical and chemical properties

· Form	liquid
· Colour	colorless
· Odour	odourless, slight solvent
pH-range	6.00 – 8.00
· Melting point / melting range	-25°C - -15 °C
· Boiling point / boiling range	100 – 225°C
Flash point	220 °C
· Density (20 °C)	1,00 - 1,10 g/cm ³
Viscosity (dynamic) Hoepler; 20 °C)	50 - 150 mPas DGF C-IV 7 (68)

SECTION 10. Stability and reactivity

- Thermal decomposition / conditions to avoid: No decomposition during appropriate use.
- Materials to avoid: Strong oxidants.
- Hazardous reactions: No hazardous reactions known.
- Hazardous decomposition products: After strong heating organic crack products can be generated. No decomposition at ambient temperature.

SECTION 11. Toxicological information

- Acute toxicity: LD50 > 5000 mg/kg (OECD 401)
- Skin irritation : Not irritant (OECD 404)
- Eye irritation : Not irritant (OECD 405)
- Additional toxicological informations: In case of appropriate handling and usage the product does not cause harmful effects.

SECTION 12. Ecological information

- Aquatic toxicity: Fish LC50 *Leuciscus idus* > 10 - <= 100 mg/l (ISO 7346/2 semistatic).
- Bacteria EC0 > 100 mg/l (OECD 209)
- Daphnia LC50 > 100 mg/l
- Biodegradability: readily biodegradable. The surfactants contained in the product are at least 90% biodegradable according to the requirements of EC- guideline 82/242 (non ionic surfactants) resp. 82/243/EEC (anionic surfactants).
- Water hazard class: 1 (self classification): slightly hazardous for water.



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SECTION 13. Disposal considerations

- Product:
- Recommendation: Disposal according to local regulations as pharmaceutical waste.
- Empty contaminated packaging:
- Recommendation: Disposal according to the local regulations.

SECTION 14 . : Transport informations

- Land transport according to ADR :
Not classified as dangerous in the meaning of transport regulations.

SECTION 15. Regulatory information

- Labelling according to actual legislation (GHS, Globally Harmonized System of Classification and Labelling of Chemicals):
The product does not need to be labelled according to GHS-regulations.
- National regulations :
- Water hazard class: see chapter 12
- Storage class TRGS 510: 10
- VbF class: -

EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation

(EC) No 1907/2006 with amendments. System of specific information relating to Dangerous Preparations. 2001/58/EC.

SECTION 16. Other Information

The information provided in this MSDS is correct to the best of our knowledge at the date of edition.

- Reason for last revision: Adjustment to regulation (EC) 1907/2006 (REACH) and GHS-labelling system.

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Abbreviations

WEL : Workplace exposure limit
ATE : Acute Toxicity Estimate
TWA : Time-weighted average
STEL : Short Term Exposure Limit
BHOT : Specific Target Organ Toxicity
IBC : International Code for the Construction and Equip
MARPOL: International Convention for the Prevention of Pollution From Ships.
DNEL : Derived No-Effect Level
PBT : Persistent Bioaccumulative Toxic
vPvB : very Persistent, very Bioaccumulative

Hazard Statements In Full

H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.