

SAFETY DATA SHEET
GLASSFLUID AFG-1
According to Regulation (EU) No. 2015/830

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name GLASSFLUID AFG-1

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

Identified uses Volatile Glass Cutting Oil

1.3. Details of the supplier of the safety data sheet

Supplier BELGİN MADENİ YAĞLAR TİC. VE SAN. A.Ş.
Gebze Organize Sanayi Bölgesi (GOSB), İhsan Dede Cad. No: 125 Gebze 41480 KOCAELİ
0 262 751 02 92
0 262 751 01 98
info@belginoil.com

1.4. Emergency telephone number

Emergency telephone + 9 0 262 751 02 92

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification (SI 2019 No. 720)**

Physical hazards Not Classified
Health hazards Asp. Tox. 1 - H304
Environmental hazards Not Classified

2.2. Label elements**Hazard pictograms**

Signal word Danger

Hazard statements H304 May be fatal if swallowed and enters airways.

Precautionary statements P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P331 Do NOT induce vomiting.
P405 Store locked up.
P501 Dispose of contents/ container in accordance with national regulations.

Contains Naphtha (petroleum), hydrotreated heavy

Labelling notes H 304 Aspiration hazard is defined as the entry of a liquid or solid chemical directly through the oral or nasal cavity. it is not related inhalation of product.

2.3. Other hazards

This substance is not classified as PBT or vPvB according to current UK criteria.

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SECTION 3: Composition/information on ingredients

3.1. Substances

Is not relevant.

3.2. Mixtures

Naphtha (petroleum), hydrotreated heavy	95-100%
CAS number: 64742-48-9	EC number: 265-150-3
Note P: The substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7).	

Classification

Asp. Tox. 1 - H304

2-butoxyethanol

1-5%

CAS number: 111-76-2

EC number: 203-905-0

Classification

Acute Tox. 4 - H302

Acute Tox. 4 - H312

Acute Tox. 4 - H332

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	No special treatment required.
Inhalation	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention if a large quantity has been ingested.
Skin contact	Wash with plenty of water. Remove contaminated clothing and rinse skin thoroughly with water. Wash contaminated clothing before reuse. Get medical attention if irritation persists after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

Inhalation	No specific symptoms known.
Ingestion	Nausea, vomiting.
Skin contact	Prolonged skin contact may cause redness and irritation.
Eye contact	Prolonged contact may cause redness and/or tearing.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
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Specific treatments No specific chemical antidote is known to be required after exposure to this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media Water. Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products Harmful gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting No specific firefighting precautions known. No action shall be taken without appropriate training or involving any personal risk.

Special protective equipment for firefighters Fire must be extinguished by trained staffs. Trained staffs have to have protecting clothes and oxygen mask

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions For personal protection, see Section 8. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Take care as floors and other surfaces may become slippery. Avoid contact with contaminated tools and objects. Keep unnecessary and unprotected personnel away from the spillage. Ensure procedures and training for emergency decontamination and disposal are in place.

6.2. Environmental precautions

Environmental precautions The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment. Avoid or minimise the creation of any environmental contamination. Avoid discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material. Environmental Manager must be informed of all major spillages.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Small Spillages: Absorb spillage with sand or other inert absorbent. Large Spillages: Stop leak if safe to do so. Contain and absorb spillage with sand, earth or other non-combustible material. Dispose of contents/container in accordance with national regulations.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product. Container must be kept tightly closed when not in use. Protect from freezing and direct sunlight.

Advice on general occupational hygiene Clean equipment and the work area every day. Good personal hygiene procedures should be implemented.

7.2. Conditions for safe storage, including any incompatibilities

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Storage precautions

Store in tightly-closed, original container in a dry and cool place. Protect from freezing and direct sunlight. Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for the product are in Section 1.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimise worker exposure.

Eye/face protection

Wear chemical splash goggles.

Hand protection

Wear protective gloves. It is recommended that chemical-resistant, impervious gloves are worn. The most suitable glove should be chosen in consultation with the glove supplier/manufacture, who can provide information about the breakthrough time of the glove material.

Other skin and body protection

Wear apron or protective clothing in case of contact.

Hygiene measures

Take off contaminated clothing and wash it before reuse. Wash at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection

No specific requirements are anticipated under normal conditions of use.

Environmental exposure controls

Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Clear liquid.

Colour

Colourless.

Odour

Characteristic.

Odour threshold

No specific test data are available.

pH

Not applicable.

Flash point

63°C Closed cup.

Evaporation rate

N/D

Vapour density

N/D

Solubility(ies)

Insoluble in water.

Explosive properties

Not considered to be explosive.

Oxidising properties

Does not meet the criteria for classification as oxidising.

Refractive Index

1,4255

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9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No potentially hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid Avoid contact with strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Carbon dioxide (CO₂). Carbon monoxide (CO).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 174,600.0

Acute toxicity - dermal

ATE dermal (mg/kg) 200,000.0

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 1,100.0

Skin corrosion/irritation

Human skin model test Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation No known significant effects or critical hazards.

Respiratory sensitisation

Respiratory sensitisation Not sensitising.

Skin sensitisation

Skin sensitisation Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro No known significant effects or critical hazards.

Genotoxicity - in vivo No known significant effects or critical hazards.

Carcinogenicity

Carcinogenicity No known significant effects or critical hazards.

Reproductive toxicity

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Reproductive toxicity - fertility No known significant effects or critical hazards.

Specific target organ toxicity - single exposure

STOT - single exposure No known significant effects or critical hazards.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure No known significant effects or critical hazards.

Aspiration hazard

Aspiration hazard May be fatal if swallowed and enters airways.

Ingestion May be fatal if swallowed and enters airways.

Skin contact Skin irritation should not occur when used as recommended.

Eye contact Prolonged contact may cause redness and/or tearing.

Medical symptoms No specific symptoms known.

SECTION 12: Ecological information

Ecotoxicity Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment. No negative effects on the aquatic environment are known.

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability Not expected to be readily biodegradable.

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12.3. Bioaccumulative potential

Bioaccumulative potential Accumulates in soil and water systems.

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12.4. Mobility in soil

Mobility The product is immiscible with water and will spread on the water surface.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects No information required.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste is classified as hazardous waste. The generation of waste should be minimised or avoided wherever possible. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Dispose of waste product or used containers in accordance with local regulations. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

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Disposal methods The generation of waste should be minimised or avoided wherever possible. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78
and the IBC Code

SECTION 15: Regulatory information

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

EU legislation

Regulation (EC) No 1272/2008 of substances and mixtures on classification, labelling and packaging

Authorisations (SI 2020 No. 1577 Annex XIV) No specific authorisations are known for this product.

Restrictions (SI 2020 No. 1577 Annex XVII) No specific restrictions on use are known for this product.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

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Abbreviations and acronyms used in the safety data sheet	ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road RID: Regulation Concerning the International Carriage of Dangerous Goods by Rail IMDG: International Maritime Dangerous Goods Code IATA-DGR: International Air Transport Association ICAO-TI: ICAO International Civil Aviation Organization
General information	Only trained personnel should use this material.
Key literature references and sources for data	http://echa.europa.eu/ www.ericards.net www.tksd.org www.cdc.gov www.echemportal.org www.iarc.fr http://toxnet.nlm.nih.gov
Classification procedures according to SI 2019 No. 720	:
Revision comments	Revised classification.
Issued by	Certified SDS Preparer: Zeynep PEKCAN Certificate Number: GBF01.51.04 Validity Date: 09.03.2024
Revision date	01/09/2021
Revision	1.0
Supersedes date	01/06/2016
SDS number	5492
SDS status	Approved.
Hazard statements in full	H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H319 Causes serious eye irritation. H332 Harmful if inhaled.

The information contained herein is based on our current knowledge of the underlying data and is intended to describe the product for the purpose of health, safety and environmental requirements only. No warranty or guarantee is expressed or implied regarding the accuracy of these data or the results to be obtained from the use of the product. Employees and users must be warned enough and appropriate all necessary measures including the industrial hygienic measures must be taken. Appropriate health and safety information and other information should be included on the package, when the customer re-packages this product. It is strictly prohibited to make changes in this document. Re-publication of this document partially or completely is not allowed except to the extent required by law.