



SAFETY DATA SHEET

Made in accordance to Regulation (EU) No 453/2010

Windscreen washer fluid
Jasol Clear Glass

Made on: 2014-04-22

Updated on: -

Version: 2

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

1.1. Product identifier

Trade name: Jasol Clear Glass

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

Identified uses: Windscreen washer fluid Jasol Clear Glass is intended for washing and spraying windshields in the summer.

Uses advised against: other uses are not recommended.

1.3. Details of the supplier of the safety data sheet

Manufacturer: Rafineria w Jaśle

Address: 40-007 Katowice, ul. Uniwersytecka 13

Phone/Fax No. +48 (13) 44 66 433

E-mail: biurozarzadu@rwj.com.pl

Production plant

38-200 Jasło, ul. 3 Maja 101

(13) 44 66 316/(13) 44 66 315

biuro@rwj.com.pl

1.4. Emergency telephone number:

Company contact phone no.: in working hours from 7.00 a.m till 3.00 p.m. +48 (13) 44 66 316

In case of emergency: 112 (Emergency number), 998 (Fire Brigade), 999 (Ambulance Service)

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Hazards	According to Directive (EC) No.1272/2008 (CLP):	According to Council Directive 1999/45/EEC
Resulting from physicochemical properties:	Flam.Liq.3 H226 Flammable liquid and vapours	R:10 Flammable product
For humans:	Not classified	Not classified
For environment:	Not classified	Not classified

2.2. Label elements: according to Regulation (EC) no 1272/2008

Pictogram: None

Signal word: None



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Hazard statements: None

Precautionary statements:

S2-keep away from children

S 46- If swallowed, seek medical advice immediately and show this container or label.

2.3. Other hazards

The product does not meet the PBT or vPvB criteria according to Annex XIII of REACH Regulation.
No test data.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substances– not applicable

3.2. Mixtures: anionic surfactant <5%, fragrance, dye, fragrance and water

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation:

In the event that in alarming symptoms, contact your doctor.

Skin contact:

Immediately remove contaminated/soaked clothes and shoes. Thoroughly wash contaminated skin with soapy water or mild detergent, and then rinse with water.

Eye contact:

Flush the contaminated eyes with running water, remove contact lenses (if worn) and continue flushing for approx. 15 minutes. When flushing, keep the eyelids wide open and move the eyeball. Consult a doctor if symptoms appear and persist.

Swallowing:

After ingestion of large amounts induce vomiting .

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

Undefined

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

Information for the doctor : symptomatic treatment



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SECTION 5. PROCEEDING IN CASE OF FIRE

5.1. Extinguishing media

Suitable extinguishing media: not applicable non-flammable product

Unsuitable extinguishing media: not applicable non-flammable product

5.2. Special hazards arising from the ~~substance~~ or mixture

Non-flammable liquid and does not pose a particular danger

5.3. Advice for firefighters

Non-flammable liquid and does not pose a particular danger

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Use individual protection measures – see section 8 of the Safety Data Sheet.

Limit the access of bystanders to the endangered area until proper cleaning operations are finished. In the case of great leakage isolate the endangered area. Avoid contact with the eyes, skin and clothes.

Do not inhale vapours / mist. When released in an enclosed / confined spaces provide effective ventilation

6.2. Environmental precautions

Prevent the product from penetrating drains, waters or soil. If it is possible and safe, stop or limit product release, seal, shut off the fluid source, place the damaged container in an emergency container. Limit spreading of the great leakages by embanking the area.

Notify respective authorities in the case of release of large quantities of the product and environmental pollution.

6.3. Methods and material for containment and cleaning up

Put damaged container into emergency container. Collect spillage with non-flammable liquid absorbing material (e.g. sand, infusorial soil) and place in sealed, labelled containers. Dispose in accordance with applicable regulations.

6.4. Reference to other sections

For information on appropriate personal protection equipment see Section 8.

For information regarding waste disposal see Section 13.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

There are no special precautions required for the handling of the product.



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7.2. Conditions for safe storage, including any incompatibilities

In a place of use and storage of the product, provide easy access to emergency equipment (in case of fire, release, etc.). Store should be stored in tightly sealed and properly labelled containers, in a cool, well ventilated place with a non-absorbing ground. The product may be stored in storage tanks in accordance with applicable regulations.

Store far from heat sources, protect against mechanical contamination and water accumulation. Keep away from strong oxidisers.

7.3. Specific end use(s)

None.

SECTION 8. EXPOSURE CONTROL AND PERSONAL PROTECTION EQUIPMENT

8.1. Control parameters

Ethanol:

TLV-TWA: -mg/m³,

TLV-STEL: -

TLV-C: -

Permissible concentration limits of substance (ethanol) in biological material: not applicable

8.2. Exposure controls

Recommendations to the procedure of monitoring of hazardous components in the air - method of measurements:

Recommended methods of exposure assessment in the air:

- PN-Z-04008-7:2002 – “Air purity protection -- Sampling methods -- Principles of air sampling in work place and interpretation of results”

Appropriate engineering controls:

General ventilation and/or local fume hood in order to maintain hazardous agent concentration in air below acceptable limits. Local fume hood is preferred, since it enables emission control at source and prevents spreading throughout the working area.

Individual protection measures

The requirement for use and selection of appropriate personal protection measures should take into account the type of hazard posed by the product, workplace conditions and handling of product. Use protection measured offered by reputable manufacturers.

Personal protection measures should comply with the requirements specified in the standards and regulations.

Eye or face protection:

Tight safety eyeglasses (goggles) in the case of prolonged exposure or the risk of liquid splashing to the eye. It is recommended to equip the workplace with a water shower to flush eyes..

Skin protection:

Hand protection: protective gloves are required to protect against petroleum products made of nitrile rubber or other gloves authorized by the manufacturer of gloves for work with this type of product.



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Body protection: work clothing is required, oil-resistant, anti-slippery shoes are recommended.

Thermal hazards:

Not applicable

Respiratory protection:

Not required under normal conditions of use. In case of insufficient ventilation, wear a mask with universal filter-absorber. In the case of work in the limited space / insufficient oxygen content in the air, a large uncontrolled emissions, and in all circumstances when the mask with filter-absorber does not provide sufficient protection use self-contained respiratory equipment.

Environmental exposure controls:

Avoid release to the environment, do not put into drains. Any emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental law.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

a) Appearance	: Liquid, colour: green or blue
b) Odour	: aromatic, fruity
c) Odour threshold	: not determined
d) pH	: not data
e) Melting/solidification temperature	: approx. 0°C
f) Initial boiling temperature and melting temperature range	: not determined
g) Ignition point	: not flammable
h) Evaporation rate	: not determined
i) Flammability (solid, gas)	: not flammable
j) Upper/lower flammability limit or upper/lower explosion limit	: not flammable
k) Vapour pressure	: inappreciable
l) Vapour density	: inappreciable
m) Relative density	: approx. 0,998 g/cm ³ (at 15°C)
n) Solubility	: Soluble in water, without limitation
o) Distribution coefficient n-octanol/ water	: Not determined
p) Self-ignition point	: Not applicable
q) Decomposition temperature	: Not applicable
r) Viscosity	: Not determined
s) Explosive properties	: not applicable
t) Oxidizing properties	: not applicable

9.2. Other information

No additional test data.



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SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

The product is not reactive.

10.2. Chemical stability

The product is stable under normal ambient conditions, as well as under the expected temperature and under the expected pressure.

10.3. Possibility of hazardous reactions

Not known.

10.4. Conditions to avoid:

Not known.

10.5. Incompatible materials

Not known.

10.6. Hazardous decomposition products

Not known.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:

Classification criteria have not been met based on the available data.

Skin corrosion/irritation:

Classification criteria have not been met based on the available data.

Serious eye damage/irritation:

Classification criteria have not been met based on the available data.

Respiratory or skin sensitisation:

Classification criteria have not been met based on the available data.

Germ cell mutagenicity:

Classification criteria have not been met based on the available data.

Carcinogenicity:

Classification criteria have not been met based on the available data.

Reproductive toxicity:

Classification criteria have not been met based on the available data.

STOT – single exposure:

Classification criteria have not been met based on the available data.

STOT – repeated exposure:

Classification criteria have not been met based on the available data.

Aspiration hazard:

Not applicable



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SECTION 12. ECOLOGICAL INFORMATION

Hazard for environment

Product is not classified as hazardous for environment.

12.1. Toxicity:

Not applicable product : does not pose a threat to the environment

12.2. Persistence and degradability

The product is completely biodegradable

12.3. Bioaccumulative potential

Not applicable

12.4. Mobility in soil

Product mobile in water and soil .

12.5. Results of PBT and vPvB assessment

According to Annex XIII of REACH Regulation, the product does not meet PBT or vPvB criteria.

12.6. Other adverse effects

The product does not affect global warming and does not pose a threat to the ozone layer.

SECTION 13. HANDLING OF WASTES

13.1. Waste treatment methods

Do not dispose to sewer. Avoid contamination of surface and ground waters. Consider reuse. Waste product should be recovered or utilised at professional, approved furnaces or waste recycling/neutralization facilities, in accordance with applicable regulations.

Do not dispose to water reservoir and sewage sludge. Avoid contamination of water and soil with concentrated product.

The Act of 14 December 2012 on wastes (*Dz.U. of year 2013, item 21, with amendments*)

Regulation of the Minister of Environment of 9 December 2014, on wastes catalogue (*Dz. U. 2014, item 1923*)

Waste code: 07 01 99* other not specified wastes

13.2. Packaging

Recovery / recycling / utilisation of package wastes should be performed according to the applicable regulations. **NOTE:** Only completely emptied and cleaned packages may be returned for recycling. Use services of



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authorised companies.

The Act of 13 June 2013 on packages and package wastes (Dz.U.item888)

SECTION 14. TRANSPORT INFORMATION

The product is not a subject to transport regulations on hazardous goods included in ADR (road transport), RID (rail transport), IMDG (marine transport) and ICAO/IATA (air transport).

14.1. UN number	:not applicable
14.2. UN Proper shipping name	:not applicable
14.3. Transport hazard class(es)	:not applicable
14.4. Packing group	:not applicable
14.5. Environmental hazards	:not applicable
14.6. Special precautions for users	:not applicable
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	:not applicable

SECTION 15. REGULATORY INFORMATION

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

- Regulation (EC) No. 1907/2006 of the European Parliament of 18 December 2006 on registration, evaluation and authorisation of chemicals (REACH) as amended
- Regulation of the Commission (EC) No. 453/2010 of 20 May 2010 amending regulation (EC) No. 1907/2006 of the European Parliament and the Council of 18 December 2006 on registration, evaluation and authorisation of chemicals (REACH) as amended
- Regulation of the European Parliament and the Council (EC) No. 1272/2008 of 16 December 2008 on classification, labelling and packing substances and mixtures, amending and repealing directives 67/548/EEC and 1999/45/EC and amending regulation (EC) No. 1907/2006
- Regulation of the Minister of Health of 10 August 2012 on criteria and methods of classifying substances and mixtures (Journal of Laws of 2012 No 0 item 1018)
- Regulation of the Minister of Health of 23 December 2013 amending the Regulation on criteria and methods of classifying substances and mixtures (Journal of Laws of 2014, item 6)
- Regulation of the Minister of Health of 20 April 2012 on labelling packaging of dangerous substances and dangerous mixtures and some mixtures (Journal of Laws 12, item 445)
- Regulation of the Minister of Health of 23 January 2014 amending the Regulation on labelling packaging of dangerous substances and dangerous mixtures and some mixtures (Journal of Laws 2014, item 145)
- Regulation of the Minister of Health of 2 February 2011 on tests and measurements of factors harmful to life in the working environment (Journal of Laws of 2011, No. 33, item 166)



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- Regulation of the Minister of Economy of 21 December 2005 on essential requirements for personal protection (Journal of Laws of 2005 No. 259, item 2173)
- Regulation of the Minister of Work and Social Policy dated June 6th, 2014 on the maximum occupational levels of factors hazardous to health at the workplace (Dz.U. 2014, item 817)
- Regulation of the Minister of Health of 30 December 2004 on occupational health and safety related to the presence of chemical agents in the workplace (Journal of Laws of 2005 No. 11, item 86)
- The Act of 14 December 2012 on wastes (Dz.U. of year 2013, item 21)
- The Act of 15 January 2015 on amendment of Act on wastes and other acts (Dz.U. item 122)
- Regulation of the Minister of Environment of 9 December 2014, on wastes catalogue (Dz. U. 2014, item 1923)
- The Act of 13 June 2013 on packages and package wastes (Dz.U. item 888)
- Act of 25 February 2011 on chemicals and their mixtures (Journal of Laws of 2011 No. 63 item 322)

15.2. Chemical safety assessment

No data available for chemical safety assessment for substances included in a mixture.

SECTION 16. OTHER INFORMATION

16.1. Update range

Not applicable.

16.2. Abbreviations and acronyms in the Safety Data Sheet

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CLP	The Regulation on classification, labelling and packaging; Regulation (EC) No 1272/2008
DNEL	Derived No Effect Level
DPD	Dangerous Preparations Directive 1999/45 / EC
DSD	Dangerous Substances Directive 67/548 / EEC
EC ₅₀	Concentration at which 50% inhibition of growth or growth rate is observed
ICAO	Technical Instructions for the Safe Transport of Dangerous Goods by Air
IATA	International Air Transport Association
IMDG	International Maritime Transport of Dangerous Goods
TLV-TWA	Threshold Limit Value
TLV-STEL	Threshold Limit Value, Short Term Exposure Limit
TLV-C	Ceiling exposure limit
LD ₅₀	Dose that will kill 50% of the test animals



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LC ₅₀	Concentration that will kill 50% of the test animals
PBT	Persistent, bioaccumulative, and toxic (substance)
PNEC	Predicted No Effect Concentration
RID	Regulations Concerning the International Carriage of Dangerous Goods by Rail
(Q)SAR	Quantitative Structure Activity
UVCB	Unknown substances, of Variable Composition, or of Biological Origin
vPvB	very Persistent, very Bioaccumulative (substance)

This Safety Data Sheet has been prepared based on data provided by the manufacturers of ingredients the product, according to the national legislation in force at the date of SDS update and owned knowledge. Employees who use the product should be trained on risks for health, hygiene requirements, the use of individual protection measures and actions preventing the accidents.

Safety data sheet is not a quality certificate for the product. All data presented in this sheet are to be taken only as a help in safe handling in transport, distribution, use and storage. They may be obsolete or insufficient for this product used in conjunction with other materials or in different applications than those specified in the Safety Data Sheet.

The user is obliged to follow all applicable standards and regulations and is also responsible for inappropriate use of information contained in this sheet or for an inappropriate use of the product.
