

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Ultra Glaco

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

Relevant identified uses: preparation to secure car windows by protective coating. It provides it provides hydrophobization of the car windows and mirrors (mirrors made of glass).

Uses advises against: not determined.

1.3 Details of the supplier of the safety data sheet

Supplier: **Nowy Samochód S.A.**

Address: ul. Zbyszka Cybulskiego 3, 00-725 Warsaw

Telephone/Fax: +48 602-444-356

E-mail: info@soft99.pl

Adres e- mail osoby odpowiedzialnej za kartę charakterystyki: biuro@theta-doradztwo.pl

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Flam. Liq. 2 H225, **Eye Irrit. 2** H319, **STOT SE 3** H336

Highly flammable liquid and vapour. Causes serious eye irritation. May cause drowsiness or dizziness.

2.2 Label elements

Names of substances mentioned on label



DANGER

Names of substances mentioned on label

Contains: propan-2-ol.

Hazard statements

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Precautionary statements

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face 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.

2.3 Other hazards

Substances contained in the product do not meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.



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Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

propan-2-ol

Concentration range: 91-96%
CAS number: 67-63-0
EC number: 200-661-7
INDEX number: 603-117-00-0
Registration number: -
Classification: Flam. Liq. 2 H225, Eye Irrit. 2 H319, STOT SE 3 H336

hydrochloric acid

Concentration range: <1%
CAS number: 7647-01-0
EC number: 231-595-7
INDEX number: 017-002-01-X
Registration number: -
Classification: Skin Corr. 1B H314, STOT SE 3 H335

Full text of each relevant H phrase is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothes. Immediately wash contaminated skin thoroughly with water. If there is no sign of irritation it is recommended to use soap. Consult a doctor if disturbing symptoms occur.

Eye contact: contact an ophthalmologist if disturbing symptoms occur. Protect non-irritated eye, remove contact lenses. Rinse contaminated eyes with water for at least 10-15 minutes. Avoid strong stream of water – risk of damage of the cornea.

Ingestion: do not induce vomiting. Call doctor immediately, show container or label. In case of spontaneous vomiting do not allow vomit to enter airways. Never give anything by mouth to an unconscious person.

Inhalation: remove the victim to fresh air. Keep warm and calm. Consult a doctor, if disturbing symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: possible redness, dryness, defatting, cracking, irritation.

Eye contact: possible tearing, redness, irritation.

Ingestion: abdominal pains, nausea, vomiting.

Inhalation: high concentration of vapours and mists may lead to irritation of mucous membranes of eyes and respiratory tract, tearing, redness of conjunctiva, cough, burning sensation in throat and nose. May cause drowsiness or dizziness.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Treat symptomatically.



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Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: extinguishing powder, alcohol resistant extinguishing foam, carbon dioxide, water fog. Adjust extinguishing media to the materials stored in the product vicinity.

Unsuitable extinguishing media: water jet – risk of propagation of flame.

5.2 Special hazards arising from the substance or mixture

Isolate the exposed area, do not take any actions which may cause risk for life and health. During combustion harmful gases consisting of carbon oxides, nitrous oxides, organic vapours etc. may be produced. Do not inhale combustion products, it may cause health risk. Pressure inside the container increases when heated or exposed to fire, what may lead to an explosion. Product vapours may create explosive/dangerous mixtures with air.

5.3 Advice for firefighters

Highly flammable liquid and vapour. Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. Cool endangered containers with water fog from a safe distance. Do not let used extinguishing media to reach drainage system, ground and surface waters. Collect used extinguishing media.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area, until the suitable cleaning operations are completed. Ensure that removing the problem and its results is conducted by a trained personnel only. In case of large spills, isolate the exposed area. Wear adequate personal protective equipment. Avoid eyes and skin contamination. Do not inhale product vapours. Ensure adequate ventilation. Remove sources of ignition and naked flame. Do not use sparking tools. Prohibit smoking. Warning! Risk of slipping on a spilled product.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Do not let product to reach drainage system, ground and surface waters. Notify relevant emergency services. Secure sewers, water installations and entrances to basements and other closed areas.

6.3 Methods and material for containment and cleaning up

Collect unsealed containers mechanically. Collect leakage using non-flammable liquid binding materials (eg. sand, earth, universal binding substances, silica, vermiculite etc.) and place it in correctly labelled containers. Treat collected material as waste. Clean contaminated place using water and mild detergent. Ventilate contaminated area. Use non-sparking tools and explosion preventing equipment.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Take special care when handling the product. Do not eat, drink or smoke when using the product. Avoid eyes and skin contamination. Wear adequate protective clothing. Do not inhale vapours. Wash hands before breaks and after work. Protect product from moisture and high temperature. Work away from sources of fire. Do not smoke.

7.2 Conditions for safe storage, including any incompatibilities

Store only in original, tight containers in a dry, cool and well ventilated place. Keep away from food, foodstuffs, animal feed and drinking water. Opened container should be resealed and stored upright to prevent leaking. Store away from sources of heat and ignition. and direct sunlight.



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7.3 Specific end use(s)

No information about uses other than mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

There are no occupational exposure limit values at working place for the substances present in the mixture at the Community level. Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2006/15/EC, 2000/39/EC, 2009/161/EC

8.2 Exposure controls

Observe good occupational hygiene and safety practices. Do not eat, drink or smoke when using the product. Before breaks and after works wash hands thoroughly with water. Avoid eyes and skin contamination. Do not inhale vapours. Ensure adequate ventilation. If there is a risk of inflammation of the clothing on worker, showers and eye safety washers should be installed near the workplace.

Hand protection

Use adequate protective gloves. According to the demand wear gloves resistant to solvents or vinyl gloves. In case of short term contact use protective gloves with effectiveness level 2 or higher (permeation time > 30 minutes). In case of long term contact use protective gloves with effectiveness level 6 (permeation time > 480 minutes).

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed information regarding the exact breakthrough time. This information should be followed

Body protection

Wear protective clothing.

Eye protection

Use tightly fitting protective glasses if there is a risk of eye contamination.

Respiratory protection

Respiratory protection is not required when product is used as intended.

Personal protective equipment must meet requirements of directive 89/686/CE. Employer is obliged to ensure equipment adequate to activities carried out, with quality demands, cleaning and maintenance.

Environmental exposure controls

Avoid release to the environment, do not enter the sewage system. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state/appearance:	liquid
colour:	white
odour:	characteristic for alcohol
odour threshold:	not determined
pH:	not determined
melting point/freezing point:	not determined
initial boiling point and boiling range:	82,4-174°C
flash point:	not determined
evaporation rate:	not determined



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flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	19%/2% obj.
vapour pressure:	not determined
vapour density:	not determined
density:	0,8 (25°C)
solubility(ies):	partly soluble in water
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not determined
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
dynamic viscosity:	not determined

9.2 Other information

No additional test results.

Section 10: Stability and reactivity

10.1 Reactivity

Product is reactive. It does not undergo hazardous polymerization. See also subsections 10.3 and 10.5

10.2 Chemical stability

The product is stable under normal conditions of handling and storage.

10.3 Possibility of hazardous reactions

Not known.

10.4 Conditions to avoid

Avoid direct sunlight, sources of heat and fire.

10.5 Incompatible materials

Avoid contact with strong oxidizers.

10.6 Hazardous decomposition products

There are no hazardous decomposition products when product is stored and used as recommended.

Section 11: Toxicological information

11.1 Information on toxicological effects

Toxicity of components

propan-2-ol (CAS 67-63-0)

Oral: LD₅₀ 1 870 mg/kg (rat)

Skin: LD₅₀ 4059 mg/kg (rabbit)

Toxicity of mixture

Information regarding acute and/or delayed results of the exposure was defined on the basis of the information on product's classification and/or toxicological studies as well as the experience and knowledge of the manufacturer.

Acute Toxicity

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Causes serious eye irritation.



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Respiratory or skin sensitization

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1 Toksyczność

Toxicity of components

propan-2-ol (CAS 67-63-0)

Toxicity for fish: LC₅₀/96h > 100 mg/l (Japanese rice fish)

Toxicity of mixture

Product is not classified as hazardous for the environment.

12.2 Persistence and degradability

Propan-2-ol is readily biodegradable.

No data for the mixture.

12.3 Bioaccumulative potential

Bioaccumulation is not expected.

12.4 Mobility in soil

Mobility of components of the mixture depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Substances contained in the product do not meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6 Other adverse effects

Product is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the mixture: disposal in accordance with the local legislation. Store product residues in original containers. Do not let product to enter sewage system. Waste code should be assigned in place of formation. Waste should be classified as hazardous.

Disposal methods for used packing: reuse/recycle/liquidate empty containers in accordance with the local legislation. Only completely empty packing can be recycled. Recommended waste code: 15 01 01 (plastic packaging).

Legal basis: Directive 2008/98/EC, 94/62/EC.

Section 14: Transport information

14.1 UN Number

UN1987

14.2 UN proper shipping name

ALCOHOLS,N.O.S. [propan-2-ol]

14.3 Transport hazard class(es)

3

14.4 Packing group

II

14.5 Environmental hazards

Product is not classified as dangerous for the environment according to transport regulations.

14.6 Special precautions for user

Use personal protective equipment in accordance with section 8 of SDS. Avoid sources of ignition and fire.

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

Not applicable.



Section 15: Regulatory information

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

Commission Regulation (EU) **2015/830** of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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 (Text with EEA relevance) as amended.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC as amended.

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives.

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste

15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H225	Highly flammable liquid and vapour.
H314	Causes severe skin burns and eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.

Abbreviations and acronyms

LD ₅₀	Median lethal dose.
EC ₅₀ :	Half maximal effective concentration.
Flam. Liq. 2	Flammable liquid category 2
Eye Irrit. 2	Eye irritation category 2



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Skin Corr. 1A	Skin corrosion cat. 1A
STOT RE 1	Specific target organ toxicity – repeated exposure category 1
STOT SE 3	Specific target organ toxicity – single exposure category 3
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training. Persons related to the transportation of the dangerous goods in compliance with the ADR Agreement should be properly trained within the scope of performed tasks (general training, on-the-job training and training related to the safety issues).

Additional information

Classification was based on data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP).

Composed by: mgr Anna Michalska-Maciejczyk (on the basis of producer's data)
Safety Data Sheet made by: „**THETA**” Technical Consulting

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.