

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

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

1.1. Product identifier.

Fresh

Mixture based on Propylene Glycol.

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

Relevant identified uses: production of mixtures (liquid component, e-liquids for electronic cigarettes).

Uses advised against: not determined.

1.3. Details of the supplier of the safety data sheet.

Supplier: **CHEMNOVATIC Sp. z o.o. Sp. k.**

Address: Dobrzańskiego 3/ BS002, 20-262 Lublin, POLAND

Phone: +48 814754442

E-mail address of the person responsible for the information card: office@chemnovatic.com

1.4. Emergency telephone number.

112 (general emergency phone number).

Section 2: Hazards Identification

2.1. Classification of the substance or mixture.

Classification according to 1272/2008/EC

The product is not classified as a hazard to human health and the environment.

2.2. Label elements

Hazard symbols and signal words

Not applicable.

Hazard statements

Not applicable.

Precautionary statements

Not applicable.

2.3. Other hazards

The mixture do not meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

Section 3: Composition/Information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

No.	Chemical name	Percentage	CAS	EC (EINECS)	Index No./ REACH Registration No.	Classification according to 1272/2008/EC
1.	Propylene glycol	~ 74,17 %	57-55-6	200-338-0	none/ 01-2119456809-23-XXXX	Not classified

Section 4: First aid measures

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures.

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

No data available.

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

No data available.

Section 5: Firefighting measures

5.1. Extinguishing media.

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2. Special hazards arising from substance or mixture.

May produce toxic fumes of carbon oxides, if burning. Do not inhale combustion products.

5.3. Advice for firefighters.

Personal protection typical in case of fire. Wear suitable respiratory equipment. Cool down containers with water from safe distance to prevent bursting.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures.

Consult the safety measures listed under headings 7 and 8.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8)

6.2. Environmental precautions.

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up.

Clean preferably with a detergent, do not use solvents.

6.4. References to other sections.

No data available.

Section 7: Handling and storage

7.1. Precautions for safe handling.

Always wash hands after handling.

Ensure that there is adequate ventilation, especially in confined areas.

Fire prevention:

Handle in well-ventilated areas.

Prevent access by unauthorised personnel.

Recommended equipment and procedures:

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Packages which have been opened must be reclosed carefully and stored in an upright position.

Prohibited equipment and procedures:

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions of safe storage, including any incompatibilities.

No data available.

Storage

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s).

No information about the applications other than those listed in subsection 1.2.

Section 8: Exposure control/personal protection

8.1. Control parameters.

No data available.

- UK / WEL (Workplace exposure limits, EH40/2005, 2007):

Specification	TWA	STEL	Ceiling	Definition	Criteria
CAS 57-55-6	150 ppm	-	-	-	-

8.2. Exposure controls.

Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE):



Use personal protective equipment that is clean and has been properly maintained.

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Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Type of gloves recommended:

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties.

a) Physical state:	liquid
colour:	colourless
b) odour:	sweet, close to menthol
c) odour threshold:	no data available
d) pH:	no data available
e) Melting/freezing point, [°C]:	no data available
f) Initial boiling point and range of boiling points, [°C]:	no data available
g) Flash point, [°C]:	no data available
h) Evaporation rate:	no data available
i) Flammability (of solid body, gas):	no data available
j) Upper explosiveness limit, [% V/V]:	no data available
k) Lower explosiveness limit, [% V/V]:	no data available
l) Vapour Pressure at 20 °C [hPa]:	no data available
m) Density:	1,02 g/cm ³
n) Solubility:	soluble in water
o) partition coefficient: n-oktanol/water:	no data available
p) Autoignition temperature, [°C]:	no data available
q) Temperature of decomposition, [°C]:	no data available
r) Viscosity [mPa s] at temp.20 °C:	no data available
s) Explosive properties:	not relevant
t) Oxidising properties:	no data available

9.2. Other information.

No additional test results.

Section 10: Stability and reactivity

10.1. Reactivity.

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No data available.

10.2. Chemical stability.

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions.

no data available

10.4. Circumstances to avoid.

no data available

10.5. Incompatible materials.

no data available

10.6. Hazardous decomposition products.

no data available

Section 11: Toxicological information

11.1 Information on toxicological effects.

a) Acute toxicity

Based on available data, the classification criteria are not met

b) Skin corrosion/irritation

Based on available data, the classification criteria are not met

c) Serious eye damage/eye irritation

Based on available data, the classification criteria are not met

d) Respiratory or skin sensitisation

Based on available data, the classification criteria are not met

e) Germ cell mutagenicity

Based on available data, the classification criteria are not met

f) Carcinogenicity

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

g) Reproductive toxicity

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

h) Specific target organ toxicity - single exposure

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

i) Specific target organ toxicity - repeated exposure

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

j) Aspiration hazard

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

Section 12: Ecological Information

12.1. Toxicity.

No data available.

12.2. Persistence and degradability.

No data available

12.3. Bioaccumulative potential.

No data available

12.4. Mobility in soil.

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No data available.

12.5. Results of PBT and vPvB assessment.

No data available.

12.6. Other adverse effects.

No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods.

Do not pour into drains or waterways.

Waste:

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

Section 14: Transport Information

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 user

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 and mixture.

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.

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).

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).

15.2. Chemical safety assessment.

There is no data concerning chemical safety assessment performed for this mixture.

Section 16: Other Information.

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Abbreviations:

ADR: European agreement concerning the international carriage of dangerous goods by Road.

IMDG: International Maritime Dangerous Goods.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organisation

RID: Regulations concerning the International carriage of Dangerous goods by rail.

WGK: Wassergefährdungsklasse (Water Hazard Class)

TWA Time weighted average

CAS Chemical Abstract Service

PBT Persistent, Bioaccumulative and Toxic substance

vPvB very Persistent, very Bioaccumulative substance

EC is a unique seven-digit identifier that is assigned to chemical substances for regulatory purposes within the European Union by the regulatory authorities.

LD50 lethal dose, the point where 50% of test subjects exposed would die

LC50 lethal concentration, the point where 50% of test subjects exposed would die

EC50 half maximal effective concentration

UN number is four-digit number that identify hazardous substances

ATEmix Acute Toxicity Estimates for mixture

PEB permitted exposure for a biological material

TLV-C Threshold limit value- Ceiling Limit

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.

Other data

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

The above information is prepared on the basis of current state of knowledge and relates to the product in the form in which it is used. Data relating to the product are presented in order to include safety requirements, and not to guarantee their particular properties.

In the event when conditions of application of the product are beyond control of the manufacturer, responsibility for safe use of the product is borne by the user.

The product is not classified as hazardous. EXPOSURE SCENARIOS are not required.

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