



SAFETY DATA SHEET

[In accordance with the criteria of article 31 of Regulation No 1907/2006 (REACH) with further changes]

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

1.1. Product identifier.

Product name: **PEANUT**

Product code: C-TG-001015

1.2. Relevant identified uses of the substance 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. Data 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: info@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

EUH208 Contains: Geraniol. May produce an allergic reaction.

2.3. Other hazards

The mixture does not contain substances classified as "Substances of Very High Concern" (SVHC) $\geq 0.1\%$ published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/en/candidate-list-table>

The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

Section 3: Composition/Information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

No.	Chemical name	Percent age	CAS	EC (EINECS)	Index No./ Registration No.	REACH	Classification according to 1272/2008/EC
1.	4- methyl-5-thiazole ethanol	1-3 %	137-00-8	205-272-6	none/ not applicable		Skin irritation , 2 , H315; Eye irritation , 2 , H319;



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						Specific target organ toxicity - single exposure , 3 , H335.
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Full text of H - phrases in section 16.

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.

Eye contact: Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.

Ingestion: In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor. Seek medical attention, showing the label. Keep the person exposed at rest. Do not force vomiting

Skin contact: immediately take off contaminated clothing. Wash out skin with plenty of water with soap. In the event of an allergic reaction, seek medical attention.

Inhalation: In the event of an allergic reaction, seek medical attention.

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

Non-flammable.

5.1. Extinguishing media.

Suitable methods of extinction

In the event of a fire, use:

- sprayed water or water mist
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO₂)

Unsuitable methods of extinction

In the event of a fire, do not use:

- water jet

5.2. Special hazards arising from the substance or mixture.

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed:

- carbon monoxide (CO)
- carbon dioxide (CO₂)

5.3. Advice for firefighters.

No data available.



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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

Requirements relating to storage premises apply to all facilities where the mixture is handled.

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 for safe storage, including any incompatibilities.

No data available.

Storage

Keep the container tightly closed in a dry, well-ventilated place. The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area. Store at 10-25°C.

Packaging

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

7.3. Specific end use(s).

No data available.

Section 8: Exposure control/personal protection



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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 474 mg/m ³	-	-	-	-

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.

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:	clear to slightly cloudy, slightly coloured - yellow, liquid
b) pH:	Not relevant.
c) Boiling point/boiling range:	no data available.
d) Flash point:	>65°C
e) Vapour pressure (50°C):	no data available.
f) Density:	1,154 (1,144-1,164) g/cm ³
g) Water solubility:	no data available.
h) Melting point/melting range:	Not relevant.
i) Self-ignition temperature:	Not relevant.
j) Decomposition point/decomposition range:	Not relevant.

9.2. Other information.



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No data available.

Section 10: Stability and reactivity

10.1. Reactivity.

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.

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

10.4. Circumstances to avoid.

No data available.

10.5. Incompatible materials.

No data available.

10.6. Hazardous decomposition products.

The thermal decomposition may release/form:

- carbon monoxide (CO)
- carbon dioxide (CO₂)

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/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.

Contains at least one sensitising substance.

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) STOT-single exposure

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

i) STOT-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.



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Section 12: Ecological Information

12.1. Toxicity.

According to CLP and the calculation method the criteria for environmental toxicity are not met.

12.2. Persistence and degradability.

No data available

12.3. Ability to bioaccumulate.

No data available

12.4. Mobility in soil.

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

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

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

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2013 - IMDG 2012 - ICAO/IATA 2014).

14.1 UN number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable



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14.4 Packing group

Not applicable

14.5 Environmental hazards

The mixture is not classified as dangerous for the environment.

14.6 Special precautions for user

Use protective measures according to section 8

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.

Classification and labelling information included in section 2:

The following regulations have been used:

- **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 (EC) No 790/2009** of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (Text with EEA relevance).
- **Commission Regulation (EU) No 453/2010** of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (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.

No data available.

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:

H315 Causes skin irritation.

H319 Causes serious eye irritation.



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H335 May cause respiratory irritation.

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: Wassergefahrdungsklasse (Water Hazard Class)

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 the 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 Employer is obligated to inform all employees who have contact with the product, about hazards and personal protection equipment specified in this material safety data sheet.

This material safety data sheet has been prepared on the basis of MSDS provided by the manufacturer and/or web databases and the binding regulations regarding hazardous substances and chemical agents.

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