Material Safety Data Sheet

According to regulation (EG) Nr. 1907/2006

UCYGrenz50 – Item no. 10-074

Date: August 23rd, 2024

1. Identification of the subtance / mixture and the company undertaking

Product identifier: FennoGrenz50

Item no.: 10-074

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

Use of the Sub-stance/Mixture	:	Fuel, Intermediate.
Recommended restrictions on use	:	Do not use for other purposes than the identified uses.

1.3. Details of the supplier of the safety data sheet

Supplier:

UCY business services & trading GmbH

Street:	Im Hederichsfeld 8
Post Code, Town:	DE-51379 Leverkusen
Phone:	+49 228 2428 732
Fax:	+49 228 2428 731
E-Mail-adress:	sales@ucy-energy.com

1.4. Emergency telephone number

Emergency number:

Giftnotruf Nord, Telefon +49 551 19240 (24/7)

2. Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

3. Composition / information on ingredients

3.2 Mixtures

Components

Remarks	:	No hazardous ingredients

4. First aid measures

4.1 Description of first aid measures

General advice	:	No hazards which require special first aid measures.
If inhaled	:	Move to fresh air. Call a physician if symptoms occur.
In case of skin contact	:	Wash off immediately with soap and plenty of water.
In case of eye contact	:	Rinse thoroughly with plenty of water, also under the eyelids.
If swallowed	:	Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	:	No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment	:	Symptomatic treatment.

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : Burning produces irritant fumes.

5.3 Advice for firefighters

Special protective equipment for firefighters : Special protective equipment for firefighters

Further information : Prevent fire extinguishing water from contaminating surface water or the ground water system.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : No special precautions required.

6.2 Environmental precautions

Environmental precautions : Should not be released into the environment.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Take up mechanically and collect into suitable containers for disposal.
Dispose of in compliance with local and national regulations.

6.4 Reference to other sections

See Sections 7 and 8 for proper handling and protective measures and Section 13 for proper waste disposal measures.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling	:	No special handling advice required. Avoid contact with skin, eyes and clothing.
Hygiene measures	:	Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	:	Keep in a dry place.

7.3 Specific end use(s)

Specific use(s)	:	Do not use for other purposes than the identified uses.

8. Exposure controls / personal protection

8.1 Control parameters

8.2 Exposure controls

Personal protective equipment

Eye protection	:	Safety glasses with side-shields conforming to EN166
Hand protection		
Material	:	Nitrile rubber
Break through time	:	480 min
Glove thickness	:	0,4 mm
Directive	:	Protective gloves complying with EN 374.
Remarks	:	Permeability tests are not available for this product. Please observe the instructions regarding permeability and break-through time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
Skin and body protection	:	Protective clothing.
Respiratory protection	:	If aerosols or mist is formed, use half mask with dust filter P2.
Protective measures	:	Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Ensure that eyewash stations and safety showers are close to the workstation location. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	:	liquid
Colour	:	black
Odour	:	characteristic
Odour Threshold	:	not determined
Melting point/range	:	< 25 °C
Upper explosion limit / Upper flammability limit	:	Not explosive
Flash point	:	168 °C Method: EN ISO 13736
Decomposition temperature	:	> 300 °C
pH	:	Not applicable
Viscosity		
Viscosity, dynamic	:	550 - 700 mPa.s (50 °C)
Solubility(ies)		
Water solubility	:	Not miscible
Partition coefficient: n-octanol/water	:	log Pow: > 2,8
Vapour pressure	:	< 1 hPa
Density	:	1 g/cm³ (20 °C)

9.2 Other Information

Oxidizing properties	:	No data available
Surface tension	:	not determined

10. Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

No data available

10.3 Possibility of hazardous reactions

Hazardous reactions : None known.

10.4 Conditions to avoid

Conditions to avoid : No decomposition if used as directed.

10.5 Incompatible materials

Materials to avoid : No data available

10.6 Hazardous decomposition products

None.

11. Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Product:

Acute oral toxicity :
Acute toxicity estimate: 714,29 mg/kg
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: 1 572 mg/kg
Method: Calculation method

Skin corrosion/irritation

Product:

Remarks : No skin irritation

Serious eye damage/eye irritation

Product:

Remarks	:	No eye irritation

Respiratory or skin sensitisation

Product:

Remarks	:	Contains no substance or substances classified as sensitising.

Repeated dose toxicity

Product:

Remarks	:	No known significant effects or critical hazards.

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment	:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Experience with human exposure

Product:

General Information	:	Target Organs: Mucous membranes Remarks: May cause irritation of the mucous membranes. None known.

12. Ecological information

12.1 Toxicity

Product:

Toxicity to fish	:	Remarks: slightly hazardous to water
Toxicity to terrestrial organ-	:	Remarks: No data available

isms

12.2 Persistence and degradability

Product:

Biodegradability	:	Biodegradation: 41 % Exposure time: 28 d Method: OECD Test Guideline 301 D

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment	:	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

Product:

Assessment	:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Product:

Additional ecological information	:	No data available

13. Disposal considerations

13.1 Waste treatment methods

Product	:	Do not dispose of together with household waste. Do not let product enter drains.

14. Transport information

14.1 UN number or ID number
Not regulated as a dangerous good

14.2 UN proper shipping name
Not regulated as a dangerous good

14.3 Transport hazard class(es)
Not regulated as a dangerous good

14.4 Packing group
Not regulated as a dangerous good

14.5 Environmental hazards
Not regulated as a dangerous good

14.6 Special precautions for user
Remarks : No data available

14.7 Maritime transport in bulk according to IMO instruments
Not applicable for product as supplied.

15. Regulatory information

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

The components of this product are reported in the following inventories:

15.2 Chemical safety assessment
not required

16. Other information

Full text of other abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Training advice : Read the safety data sheet before using the product.

Other information	:	Relevant changes have been marked with vertical lines.
Sources of key data used to compile the Safety Data Sheet	:	Regulations, databases, literature, own tests.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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