

# SAFETY DATA SHEET

according to Regulation 1907/2006/EC – (REACH)

Trade Name: Katimex® Glit® F100

Article Number: 101384, 101385, 101386, 101387, 101388

Release Date: 18.07.2023 Revision Date: 12.11.2025

Valid from: 12.11.2025 Date of Expiry: 30.10.2027

Version: 5.0 Replaces Version: 4.0



## 1 Identification of the substance/mixture and of the company/undertaking

<b>1.1 Product identifier</b>	
Substance name/Trade name:	Katimex® Glit® F100
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	
Relevant identified uses:	Cable Lubricant
Uses advised against:	All, except those mentioned above
<b>1.3 Details of the supplier of the safety data sheet</b>	
Company	Katimex® Cielker GmbH Bahnhofstr. 50 DE - 54584 Jünkerath  Tel +49 [0]6597 9277-0 Mail info@katimex.de
Address enquiries for technical information	Productmanagement +49 [0]6597 9277-0 info@katimex.de
<b>1.4 Emergency telephone number</b>	
Emergency Hotline	+49 (0)6132-84463 [GBK GmbH] (24H-Hotline)

## 2 Hazards identification

<b>2.1 Classification of the substance or mixture</b>	
2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]	
	The product has not been classified as hazardous.
<b>2.2 Label elements</b>	
Labelling according to Regulation (EC) Nr. 1272/2008	
	The product does not need to be labelled according to European Regulation.
Hazard pictograms:	Not required

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Signal word:	Not required
Hazard statements:	Not required
<b>2.3 Other hazards</b>	
Human health dangers:	By handling of mineral oil products and chemical products no particular hazard is known when normal precautions (item 7) and personal protective equipment (item 8) are kept.
Environmental hazards:	The product may not be released into the environment without control.
Other hazards:	No other risks have been identified on the basis of current knowledge.

## 3 Composition / Information on ingredients

<b>3.1 Substances</b>	
Classification according to Regulation (EG) Nr. 1272/2008	
	The product is a mixture.
<b>3.2 Mixtures</b>	
Composition / Information on ingredients	Mixture of esters, anionic and nonionic agents and corrosion preventive agents in combination with stabilizers based on glycol/fatty alcohols. The components are not hazardous or are below required disclosure limits.
Substance:	Glycerol
CAS-No.:	-/-
EU-Index-No.:	-/-
EINECS/ELINCS:	200-289-5
*Concentration:	1,00% - <5,00%
Classification:	GBCLP: -/-
Substance:	Rapeseed Oil
CAS-No.:	-/-
EU-Index-No.:	-/-

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EINECS/ELINCS:	232-299-0
*Concentration:	1,00% - <5,00%
Classification:	GBCLP: -/-
Comment:	* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume. PBT: persistent, bioaccumulative and toxic substance. vPvB: very persistent and very bioaccumulative substance.

## 4 First aid measures

<b>4.1 Description of first aid measures</b>	
General information:	Instantly remove any clothing soiled by the product.
Inhalation:	Supply fresh air; consult doctor in case of symptoms.
Skin contact:	Wash with soap and water.
Eye contact:	Promptly wash eyes with plenty of water while lifting the eye lids.
Ingestion:	Rinse mouth thoroughly.
<b>4.2 Most important symptoms and effects, both acute and delayed</b>	
	May cause skin and eye irritation.
<b>4.3 Indication of any immediate medical attention and special treatment needed</b>	
	Hand over this safety data sheet to the physician with the special comment "watermiscible cutting oil". Get medical attention if symptoms occur.

## 5 Fire-fighting measures

<b>5.1 Extinguishing media</b>	
Suitable extinguishing media:	CO2, fire extinguishing powder or fog like water spraying. Extinguish larger fires with alcohol resistant foam or spray water with suitable surfactant add-ed

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Extinguishing media that must not be used:	Water with a full water jet.
<b>5.2 Special hazards arising from the substance or mixture</b>	
	During fire, gases hazardous to health may be formed.
<b>5.3 Advice for firefighters</b>	
	Move container from fire area if it can be done without risk. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Collect contaminated fire fighting water separately. It must not enter drains. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6 Accidental release measures

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	
	In case of spills, beware of slippery floors and surfaces.
<b>6.2 Environmental precautions</b>	
	Prevent from spreading (e.g. by binding or oil barriers). Avoid release to the environment. Environmental manager must be informed of all major spillages. Prevent further leakage or spillage if safe to do so. Do not allow to enter drainage system, surface or ground water.
<b>6.3 Methods and material for containment and cleaning up</b>	
	Absorb with liquid-binding material (sand, diatomite, acidbinders, universal binders, sawdust). Dispose of the material collected according to regulations. Stop the flow of material, if this is without risk.
<b>6.4 Reference to other sections</b>	
	See Section 8 of the SDS for Personal Protective Equipment. See Section 7 for information on safe handling See Section 13 for information on disposal.

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## 7 Handling and storage

7.1 Precautions for safe handling	
	Prevent formation of aerosols. Do not eat, drink or smoke when working with the product. Take usual precautions when handling mineral oil products or chemical products. Observe good industrial hygiene practices. Provide adequate ventilation.
7.2 Conditions for safe storage, including any incompatibilities	
Information on storage conditions:	Local regulations concerning handling and storage of waterpolluting products have to be followed. Store above freezing.
Storage Class (VCI)	10-13, combustible / non-combustible liquids and solids
7.3 Specific end use(s)	
	See product use, section 1.2

## 8 Exposure controls / personal protection

8.1 Control parameters	
8.1.1 Ingredients with occupational exposure limits to be monitored (GB)	
Occupational Exposure Limits:	Glycerol - Mist. Type: TWA Exposure Limit Values: 10 mg/m <sup>3</sup>  Rapeseed Oil - Inhalable dust. Type: TWA Exposure Limit Values: 10 mg/m <sup>3</sup>  Rapeseed Oil - Respirable dust. Type: TWA Exposure Limit Values: 4 mg/m <sup>3</sup>
Relevant protective guidelines:	UK. EH40 Workplace Exposure Limits (WELs), as amended (01 2020)
8.2 Exposure controls	
8.2.1 Appropriate engineering controls:	
	Provide adequate ventilation. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels

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	below recommended exposure limits. If exposure limits have not been established, maintain air-borne levels to an acceptable level.
<b>8.2.2 Personal protective equipment (PPE):</b>	
General information:	Wash hands before breaks and after work. Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. The usual precautionary measures should be adhered to in handling the chemicals or the mineral oil products.
Eye- / Face protection:	Avoid contact with skin and eyes. Goggles/face shield are recommended. If risk of splashing, wear safety goggles or face shield.
Skin protection:	Wear protective clothing.
Hand protection:	Avoid long-term and repeated skin contact. Suitable gloves can be recommended by the glove supplier. Use skin protection cream for preventive skin protection. Protective gloves, where permitted in accordance with safety directions. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Glove material:	Nitrile butyl rubber (NBR).
Layer thickness (mm):	≥ 0,38
Penetration (min.):	≥ 480 (EN374)
Other:	Do not carry cleaning cloths impregnated with the product in trouser pockets. Wear suitable protective clothing.
Respiratory protection:	Ensure good ventilation/exhaustion at the workplace. Avoid breathing vapour/ aerosol.
Thermal hazards:	Not known.
Hygiene measures:	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.
<b>8.2.3 Delimitation and monitoring of the environmental exposition</b>	
	Comply with applicable environmental regulations that limit discharge to air, water and soil.

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## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state:	liquid
Form:	highly viscous
Color:	White
Odor:	Characteristic
Odor Threshold:	Not applicable for mixtures
pH:	
Freezing point:	Not applicable for mixtures
Boiling Point:	Value not relevant for classification
Flash Point:	Value not relevant for classification
Evaporation Rate:	Not applicable for mixtures
Flammability (solid, gas):	Value not relevant for classification
Flammability Limit - Upper (%)-:	Value not relevant for classification
Flammability Limit - Lower (%)-:	Value not relevant for classification
Vapor pressure:	Not applicable for mixtures
Vapor density (air=1):	Not applicable for mixtures
Density:	1,00 g/ml (15 °C)
Solubility in Water:	Soluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	Not applicable for mixtures
Autoignition Temperature:	Value not relevant for classification
Decomposition Temperature:	Value not relevant for classification
Flow time	Value not relevant for classification
Explosive properties:	Value not relevant for classification
Oxidizing properties:	Value not relevant for classification

### 9.2 Other information

	No data available.
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## 10 Stability and reactivity

10.1 Reactivity	
	Stable under normal use conditions
10.2 Chemical stability	
	Stable under normal use conditions
10.3 Possibility of hazardous reactions	
	Stable under normal use conditions
10.4 Conditions to avoid	
	Stable under normal use conditions
10.5 Incompatible materials	
	Stable under normal use conditions
10.6 Hazardous decomposition products	
	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

## 11 Toxicological information

11.1 Information on hazard classes within the meaning of Regulation (EC) No 1272/2008	
11.1.1 Substances	
Acute toxicity	
Oral:	Product: Not classified for acute toxicity based on available data. Specified substance(s) Glycerol: LD 50 (Rat): 12.600 mg/kg
Dermal:	Product: Not classified for acute toxicity based on available data. Specified substance(s) Glycerol: LD 50 (Rabbit): 18.700 mg/kg
Inhalation	Not classified for acute toxicity based on available data.
Serious eye damage/irritation	Based on available data, the classification criteria are not met.
Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	Skin sensitizer: Based on available data, the classification criteria are not met.

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	Respiratory sensitizer: Based on available data, the classification criteria are not met.
Specific target organ toxicity — single exposure	Based on available data, the classification criteria are not met.
Specific target organ toxicity — repeated exposure	Based on available data, the classification criteria are not met.
Mutagenicity	Based on available data, the classification criteria are not met.
Reproduction toxicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.
General remarks	No data available
<b>11.2 Information on other hazards</b>	
Endocrine disrupting properties	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 Ecological information

<b>12.1 Toxicity</b>	
Acute toxicity:	Product: Based on available data, the classification criteria are not met Specified substance(s) Glycerol: LC 50 (Fish, 96 h): >10.000 mg/l Specified substance(s) Glycerol: EC 50 (Water Flea, 96 h): >10.000 mg/l
Chronic Toxicity:	Based on available data, the classification criteria are not met.
<b>12.2 Persistence and degradability</b>	
Biological degradability	Product: Not applicable for mixtures Specified substance Glycerol: The product is readily biodegradable. Specified substance Rapeseed Oil: The product is readily biodegradable
<b>12.3 Bioaccumulative potential</b>	
	Not applicable for mixtures
<b>12.4 Mobility in soil</b>	
	Not applicable for mixtures

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## 12.5 Results of PBT and vPvB assessment

The product does not contain any substances fulfilling the PBT/vPvB criteria

## 12.6 Endocrine disrupting properties

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

No data available.

# 13 Disposal considerations

## 13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product Do not empty into drains; dispose of this material and its container in a safe way. When storing used products, ensure that the waste categories and mixing instructions are observed.

Waste no. (recommended) 12 01 09\*: machining emulsions and solutions free of halogens

# 14 Transport information

## 14.1 UN-number

See section 14.2 in accordance with UN shipping name

## 14.2 UN proper shipping name

Transport by land according to ADR/RID NO DANGEROUS GOODS

Inland navigation (ADN) NO DANGEROUS GOODS

Marine transport in accordance with IMDG NOT CLASSIFIED AS "DANGEROUS GOODS"

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Air transport in accordance with IATA	NOT CLASSIFIED AS "DANGEROUS GOODS"
<b>14.3 Transport hazard class</b>	
	See section 14.2 in accordance with UN shipping name
<b>14.4 Packing group</b>	
	See section 14.2 in accordance with UN shipping name
<b>14.5 Environmental hazards</b>	
Plate environmentally hazardous substances	See section 14.2 in accordance with UN shipping name
<b>14.6 Special precautions for user</b>	
	Relevant information under section 6 to 8.
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	
Pollution category (X, Y or Z):	Not applicable.
Ship type (1, 2 or 3):	Not applicable.

## 15 Regulatory information

<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
EU regulations:	
EU Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex I, Controlled Substances	none
EU. Regulation 2019/1021/EU on persistent organic pollutants (POPs) (recast), as amended: none	none
Water Hazard Class (WGK):	WGK 1: slightly water-endangering
<b>15.2 Chemical safety assessment</b>	
	No Chemical Safety Assessment has been carried out.

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## 16 Other information

### 16.1 Hazard statements section 3

No hints necessary

### 16.2 Abbreviations and acronyms:

ADR	Accord européen relatif au transport international des marchandises Dangereuses par Route
RID	Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN	Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
DMEL	Derived Minimum Effect Level
DNEL	Derived No Effect Level
EC50	Median effective concentration
ECB	European Chemicals Bureau
EEC	European Economic Community
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
IATA	International Air Transport Association
IBC-Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50	Inhibition concentration, 50%
IMDG	International Maritime Code for Dangerous Goods
IUCLID	International Uniform Chemical Information Database
LC50	Lethal concentration, 50%
LD50	Median lethal dose
MARPOL	International Convention for the Prevention of Marine Pollution from Ships
PBT	Persistent, Bioaccumulative and Toxic substance
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
TLV®/TWA	Threshold limit value – time-weighted average
TLV®STEL	Threshold limit value – short-time exposure limit
TRGS	Technische Regeln für Gefahrstoffe
VOC	Volatile Organic Compounds
vPvB	very Persistent and very Bioaccumulative

### 16.3 Other information

Customs Tariff 34039900

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Classification procedure	The classification complies with the current EU lists; however, it has been supplemented with expert literature information and information provided by/about our company. It was derived from the test data and/or the applica-tion of the conventional method.
Modified position	.....
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