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

1.1. Product identifier **Prod.-No.**

ISO Fix 007-8100-2024

UFI: M20M-8EYQ-1H7T-CWQ2

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

Use of the substance/mixture

Plaster against plaster Soap-based insulation

Uses advised against

all uses which are not mentioned above

1.3. Details of the supplier of the safety data sheet

Company name:	OBG Oberbergische Gipswerke GmbH	
Street:	Büchlerhausen 22	
Place:	D-51766 Engelskirchen	
Telephone:	+49 2263 92905 35	Telefax: +49 2263 92905 36
E-mail:	info@obg-gmbh.com	
Contact person:	Zentrale	Telephone: +49 2263 92905 35
E-mail:	info@obg-gmbh.com	
Responsible Department:	management	

1.4. Emergency telephone number: +49 2263 92905 35 (Mo-Fr 07:00-17:00 Uhr)

Further Information

No further relevant information available.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Flam. Liq. 3; H226
Eye Irrit. 2; H319

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Signal word: Warning

Pictograms:

Hazard statements

H226	Flammable liquid and vapour.
H319	Causes serious eye irritation.

Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves/protective clothing and 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.
P337+P313	If eye irritation persists: Get medical advice/attention.

P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container to an appropriate recycling or disposal facility.

2.3. Other hazards

Results of PBT and vPvB assessment: The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria. This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

Vapours can form explosive mixtures with air.

Contains: perfumes (Geraniol, Citronellol).

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			15 - < 20 %
	200-661-7	603-117-00-0	01-2119457558-25	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336			
584-08-7	Potassium carbonate			2.5 - < 5 %
	209-529-3		01-2119532646-36	
	Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H315 H319 H335			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
67-63-0	200-661-7	propan-2-ol; isopropyl alcohol; isopropanol	15 - < 20 %
	inhalation: LC50 = 30 mg/l (vapours); dermal: LD50 = 12800-13400 mg/kg; oral: LD50 = 5045 mg/kg		
584-08-7	209-529-3	Potassium carbonate	2.5 - < 5 %
	dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg		

Further Information

No further relevant information available.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated, saturated clothing immediately.
Provide fresh air.
In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Call a doctor if you feel unwell.

After contact with skin

Remove contaminated, saturated clothing immediately. And wash it before reuse.
After contact with skin, wash immediately with plenty of water and soap.
If skin irritation occurs: Get medical advice/attention.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. (10 min)
Remove contact lenses, if present and easy to do. Continue rinsing.
In case of eye irritation consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water.
Let water be drunken in little sips (dilution effect). Never give anything by mouth to an unconscious person or a person with cramps.
Do NOT induce vomiting.
Get medical advice/attention if you feel unwell.

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

Reference to other sections: 2

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

First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray jet, Dry extinguishing powder, alcohol resistant foam

Unsuitable extinguishing media

Strong water jet

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products: Carbon monoxide, Carbon dioxide, Nitrogen oxides (NOx)
Closed containers may burst when pressure and temperature rise
Vapours can form explosive mixtures with air. The vapour is heavier than air and may travel along the ground; distant ignition possible.

5.3. Advice for firefighters

Remove persons to safety.
Fight fire with normal precautions from a reasonable distance.
Special protective equipment for firefighters Protective clothing.
In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
Dispose of waste according to applicable legislation.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

See protective measures under point 7 and 8.
Wear personal protection equipment (refer to section 8).
Avoid contact with skin, eyes and clothes.
Keep away from sources of ignition - No smoking. Take action to prevent static discharges. Use explosion-proof electrical equipment.
Provide adequate ventilation.
Do not breathe mist/vapours/spray. In case of inadequate ventilation wear respiratory protection.
To follow: Emergency procedures

For non-emergency personnel

Remove persons to safety. Keep away from unprotected people. Keep upwind.
Avoid: aerosol or mist formation
Involve a qualified person

For emergency responders

Suppress gases/vapours/mists with water spray jet.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil.
Do not allow to enter into surface water or drains.
Cover drains.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

For containment

Handling larger quantities:
Prevent spread over a wide area (e.g. by containment or oil barriers).
Unsuitable material for taking up: Combustible substance
Small amounts of spillages:
Wipe up with absorbent material (eg. cloth, fleece).
Take up mechanically, placing in appropriate containers for disposal.
Dispose of waste according to applicable legislation.

For cleaning up

Clean with detergents. Avoid solvent cleaners.
Retain contaminated washing water and dispose it.

Other information

Provide fresh air.

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Wear personal protection equipment (refer to section 8).
Avoid contact with eyes and skin.
Keep container tightly closed.
Provide adequate ventilation.
Avoid: Vapour-/ generation/formation of aerosols
Avoid release to the environment. Collect spillage.

Advice on protection against fire and explosion

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Take precautionary measures against static discharges.
Use explosion-proof electrical equipment.

Advice on general occupational hygiene

Germany: Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.
Wash hands and face before breaks and after work and take a shower if necessary.
When using do not eat, drink, smoke, sniff.
Only wear fitting, comfortable and clean protective clothing.
Avoid contact with skin, eyes and clothes.
Take off contaminated clothing and wash it before reuse.
Make available sufficient washing facilities
Do not put any product-impregnated cleaning rags into your trouser pockets.
To follow: Skin protection

Further information on handling

Observe instructions for use.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container.
Keep in a cool, well-ventilated place.
Protect from direct sunlight.
Provide for retaining containers, e.g. floor pan without outflow.

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.
Keep away from: Oxidising agent, strong; Acids; Hydrogen peroxide, Alkali metals / Alkaline earth metal; Aluminium, Amines

Further information on storage conditions

Keep away from: Frost, Heat, Protect from moisture.
storage temperature: Keep cool. Protect from sunlight.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			
Worker DNEL, acute		inhalation	systemic	1000 mg/m³
Consumer DNEL, acute		inhalation	systemic	178 mg/m³
Consumer DNEL, acute		oral	systemic	51 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	500 mg/m³
Worker DNEL, long-term		dermal	systemic	888 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	89 mg/m³
Consumer DNEL, long-term		dermal	systemic	319 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	26 mg/kg bw/day
584-08-7	Potassium carbonate			
Worker DNEL, long-term		inhalation	local	10 mg/m³
Worker DNEL, long-term		dermal	local	16 mg/cm²
Consumer DNEL, long-term		inhalation	local	10 mg/m³
Consumer DNEL, long-term		dermal	local	8 mg/cm²

PNEC values

CAS No	Substance	
Environmental compartment		Value
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	
Freshwater		140,9 mg/l
Freshwater (intermittent releases)		140,9 mg/l
Marine water		140,9 mg/l
Freshwater sediment		552 mg/kg
Marine sediment		552 mg/kg
Secondary poisoning		160 mg/kg
Micro-organisms in sewage treatment plants (STP)		2251 mg/l
Soil		28 mg/kg

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation as well as local exhaustion at critical locations.

Individual protection measures, such as personal protective equipment

Eye/face protection

Tightly sealed safety glasses. EN 166
IF exposed or concerned: Eye glasses with side protection

Hand protection

Tested protective gloves must be worn: EN ISO 374
The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.
Suitable material: NBR (Nitrile rubber)
Thickness of the glove material: >=0,35 mm
Breakthrough time: >=480 min
Thickness of the glove material, Breakthrough times and swelling properties of the material must be taken into consideration.

Unsuitable material: PVC (polyvinyl chloride) NR (natural rubber, Natural latex)

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
Observe the wear time limits as specified by the manufacturer.
Check leak tightness/impermeability prior to use.
Use protective skin cream before handling the product.

Skin protection

Protective clothing.

Respiratory protection

Usually no personal respirative protection necessary.
Respiratory protection necessary at: exceeding exposure limit values; aerosol or mist formation
If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Particle filter device (EN 143) A-P1
Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

Thermal hazards

No data available

Environmental exposure controls

SECTION 6: Accidental release measures

Safe handling: see section 7
Clear spills immediately.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	light yellow
Odour:	characteristic

		Test method
Melting point/freezing point:	No data available	
Boiling point or initial boiling point and boiling range:	~82,5 °C	
Flammability:	No data available	
Lower explosion limits:	2 vol. %	
Upper explosion limits:	13 vol. %	
Flash point:	31,5 °C	DIN EN ISO 3679
Auto-ignition temperature:	No data available	
Decomposition temperature:	No data available	
pH-Value (at - °C):	9,2	
Water solubility:	very soluble	

Solubility in other solvents

No data available

Partition coefficient n-octanol/water:	No data available
Density:	0,97 g/cm³
Bulk density:	No data available
Relative vapour density:	No data available

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

Vapours can form explosive mixtures with air.

Sustaining combustion:	No data available

Self-ignition temperature

Solid:	No data available
Gas:	No data available

Oxidizing properties

No data available

Other safety characteristics

Evaporation rate:	No data available
Solvent separation test:	No data available
Solvent content:	10%-<20%
Solid content:	No data available

Further Information

No further relevant information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reference to other sections: 10.3

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

Reaction with: Incompatible materials 10.5
Vapours can form explosive mixtures with air.

10.4. Conditions to avoid

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

10.5. Incompatible materials

Oxidising agent, strong; Acids; alkalines
Hydrogen peroxide; Alkali metals / Alkaline earth metal; Aluminium Amines

10.6. Hazardous decomposition products

Reference to other sections: 5

Further information

No further relevant information available.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

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

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol				
	oral	LD50 5045 mg/kg	Rat		
	dermal	LD50 12800-13400 mg/kg	Rabbit		
	inhalation (4 h) vapour	LC50 30 mg/l	Rat		
584-08-7	Potassium carbonate				
	oral	LD50 > 2000 mg/kg	Rat	Study report (1984)	OECD Guideline 401
	dermal	LD50 > 2000 mg/kg	Rabbit	Study report (1993)	other: US EPA Pesticide Assessment Guide

Irritation and corrosivity

Serious eye damage/eye irritation: Causes serious eye irritation.
Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

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

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.

11.2. Information on other hazards

Endocrine disrupting properties

No data available

Further information

Calculation method.

SECTION 12: Ecological information

12.1. Toxicity

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

CAS No	Chemical name						
	Aquatic toxicity	Dose		[h] | [d]	Species	Source	Method
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol						
	Acute fish toxicity	LC50	10000 mg/l	96 h	Pimephales promelas	REACh Registration Dossier	OECD Guideline 203
	Acute algae toxicity	ErC50	>100 mg/l	72 h	Desmodesmus subspicatus		
	Acute crustacea toxicity	EC50	13299 mg/l	48 h	Daphnia magna (Big water flea)		
	Fish toxicity	NOEC	> 1000 mg/l	28 d	Danio rerio	REACh Registration Dossier	other: REACH Guidance on QSARs R.6
	Crustacea toxicity	NOEC	> 1000 mg/l	21 d	Daphnia magna	REACh Registration Dossier	other: REACH Guidance on QSARs R.6
584-08-7	Potassium carbonate						
	Acute fish toxicity	LC50	68 mg/l	96 h	Oncorhynchus mykiss	Study report (1994)	other: FIFRA Guideline 72-1
	Acute crustacea toxicity	EC50	200 mg/l	48 h	Daphnia pulex	Study report (1994)	other: FIFRA Guideline 72-1

12.2. Persistence and degradability

No further relevant information available.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			
	OECD 301E	95%	21	

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	0,05

BCF

CAS No	Chemical name	BCF	Species	Source
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	0,994		Meylan,WM, Howard,PH

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

-

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

-

12.7. Other adverse effects

No data available

Further information

Water hazard class 1

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.
Dispose of waste according to applicable legislation. (AVV)
Hazardous waste according to Directive 2008/98/EC (waste framework directive).
HP 3, 4

List of Wastes Code - residues/unused products

140603 WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (EXCEPT 07 AND 08); waste organic solvents, refrigerants and foam/aerosol propellants; other solvents and solvent mixtures; hazardous waste

List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Completely emptied packages can be recycled.
Dispose of waste according to applicable legislation.

Cleaning agent: Water

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:	UN 1993
14.2. UN proper shipping name:	FLAMMABLE LIQUID, N.O.S. (propan-2-ol; isopropyl alcohol; isopropanol)
14.3. Transport hazard class(es):	3
14.4. Packing group:	III
Hazard label:	3
Classification code:	F1
Special Provisions:	274 601
Limited quantity:	5 L
Excepted quantity:	E1
Transport category:	3
Hazard No:	30
Tunnel restriction code:	D/E

Inland waterways transport (ADN)

14.1. UN number or ID number:	UN 1993

14.2. UN proper shipping name:	FLAMMABLE LIQUID, N.O.S. (propan-2-ol; isopropyl alcohol; isopropanol)
14.3. Transport hazard class(es):	3
14.4. Packing group:	III
Hazard label:	3
Classification code:	F1
Special Provisions:	274 601
Limited quantity:	5 L
Excepted quantity:	E1

Marine transport (IMDG)

14.1. UN number or ID number:	UN 1993
14.2. UN proper shipping name:	FLAMMABLE LIQUID, N.O.S. (propan-2-ol; isopropyl alcohol; isopropanol)
14.3. Transport hazard class(es):	3
14.4. Packing group:	III
Hazard label:	3
Special Provisions:	223 274 955
Limited quantity:	5 L
Excepted quantity:	E1
EmS:	F-E, S-E

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:	UN 1993
14.2. UN proper shipping name:	FLAMMABLE LIQUID, N.O.S. (propan-2-ol; isopropyl alcohol; isopropanol)
14.3. Transport hazard class(es):	3
14.4. Packing group:	III
Hazard label:	3
Special Provisions:	A3
Limited quantity Passenger:	10 L
Passenger LQ:	Y344
Excepted quantity:	E1
IATA-packing instructions - Passenger:	355
IATA-max. quantity - Passenger:	60 L
IATA-packing instructions - Cargo:	366
IATA-max. quantity - Cargo:	220 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

-

14.7. Maritime transport in bulk according to IMO instruments

-

Other applicable information

No information available.

Hazchem code: •3Y

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40

Directive 2010/75/EU on industrial emissions:	15 % (145,5 g/l)
Information according to Directive 2012/18/EU (SEVESO III):	P5c FLAMMABLE LIQUIDS

Additional information

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)
Classification according to Regulation (EC) No 1272/2008 [CLP]
COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
DIRECTIVE (EU) 2018/851 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCILof 30 May 2018amending Directive 2008/98/EC on waste
DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives

National regulatory information

Employment restrictions:	Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).
Water hazard class (D):	1 - slightly hazardous to water

Additional information

Germany
Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (AwSV)
Hazardous Substances Ordinance (GefStoffV)
Dangerous Goods Officer Ordinance (GbV)
Dangerous Goods Ordinance for Road, Rail and Inland Navigation (GGVSEB)

TRGS201, TRGS 220, TRGS 400 ff., TRGS 500, TRGS 509, TRGS 510, TRGS 555; TRGS720ff., TRGS 900

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:
propan-2-ol; isopropyl alcohol; isopropanol
Potassium carbonate

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1,9.

Abbreviations and acronyms

Flam. Liq: Flammable liquids
Skin Irrit: Skin irritation
Eye Irrit: Eye irritation
STOT SE: Specific target organ toxicity - single exposure
ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID:Règlement international conernat le transport des marchandises dangereuses par chemin de fer
(Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Refulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
CLP: Classification, labelling and Packaging
REACH: Registration, Evaluation and Authorization of Chemicals
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
UN: United Nations
CAS: Chemical Abstracts Service
DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration
ATE: Acute toxicity estimate
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%
LL50: Lethal loading, 50%
EL50: Effect loading, 50%
EC50: Effective Concentration 50%
ErC50: Effective Concentration 50%, growth rate
NOEC: No Observed Effect Concentration
BCF: Bio-concentration factor
PBT: persistent, bioaccumulative, toxic
vPvB: very persistent, very bioaccumulative
MARPOL: International Convention for the Prevention of Marine Pollution from Ships
IBC: Intermediate Bulk Container
SVHC: Substance of Very High Concern
IUB: International Union of Biochemistry

Key literature references and sources for data

ECHA

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Flam. Liq. 3; H226	On basis of test data
Eye Irrit. 2; H319	Calculation method

Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product

named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material. The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)