according to Regulation (EC) No. 1907/2006 (REACH)



AESUB Orange

Version number: GHS 1.1

1.1

Date of compilation: 15.04.2021

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

Product identifier Trade name Registration number (REACH)

AESUB Orange

not relevant (mixture)

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

Relevant identified uses Uses advised against coating

Do not use for products which come into contact with foodstuffs. Do not use for private purposes (house-hold).

1.3 Details of the supplier of the safety data sheet

Scanningspray Vertriebs GmbH Gersdorffstr. 20a 44225 Dortmund Germany

e-mail: info@aesub.com Website: www.aesub.com

e-mail (competent person)

liese@aesub.com (Max Liese)

1.4 Emergency telephone number

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Poison centre							
	Country	Name	Postal code/ city	Telephone	Telefax	Opening hours	
	Slovakia	24 Hour Emergency Contact Phone Number (WISAG) - Slovakia		421-233057972		Mon - Fri 00:00 - 00:00	

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

Se	ction	Hazard class	Category	Hazard class and cat- egory	Hazard state- ment
2	2.3	aerosols	1	Aerosol 1	H222,H229

For full text of abbreviations: see SECTION 16.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)

- Signal word danger

according to Regulation (EC) No. 1907/2006 (REACH)



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- Pictograms
GHS02

GHS02
Image: Compilation of the second sec

- P251Do not pierce or burn, even after use.P410+P412Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
- 5 1 1 5

Additional labelling according to Directive 75/324/EEC relating to aerosol dispensers

Extremely flammable. Pressurized container: may burst if heated. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

2.3 Other hazards

There is no additional information.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture)

3.2 Mixtures

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Description of the mixture

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
butane	CAS No 106-97-8 EC No 203-448-7 REACH Reg. No 01-2119474691-32-xxxx	50-<75	Flam. Gas 1A / H220 Press. Gas L / H280	
bioethanol	CAS No 64-17-5 EC No 200-578-6 Index No 603-002-00-5 REACH Reg. No 01-2119457610-43-xxxx	10-<25	Flam. Liq. 2 / H225 Eye Irrit. 2 / H319	() ()

according to Regulation (EC) No. 1907/2006 (REACH)



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Hazardous ingredients acc. to GHS							
Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms			
propane	CAS No 74-98-6	10-<25	Flam. Gas 1A / H220 Press. Gas L / H280				
	EC No 200-827-9			· ·			
	REACH Reg. No 01-2119486944-21-xxxx						
cyclopentane	287-92-3 STOT SÉ 3 / H3		Flam. Liq. 2 / H225 STOT SE 3 / H336				
	EC No 206-016-6		Asp. Tox. 1 / H304 Aquatic Chronic 3 / H412 EUH066				
	Index No 601-030-00-2						
	REACH Reg. No 01-2119463053-47						
isobutane	CAS No 75-28-5	1-<5	Flam. Gas 1A / H220 Press. Gas L / H280 Aquatic Chronic 3 / H412				
	EC No 200-857-2			•••			
	Index No 601-004-00-0						
	REACH Reg. No 01-2119485395-27-xxxx						

For full text of abbreviations: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Following skin contact

Wash with plenty of soap and water. Take off contaminated clothing. Thaw frosted parts with lukewarm water. Do not rub affected area.

Following eye contact

Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

according to Regulation (EC) No. 1907/2006 (REACH)



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4.2 Most important symptoms and effects, both acute and delayed Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed none

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media Water spray, BC-powder

Unsuitable extinguishing media Water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO2)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Follow emergency procedures such as the need to evacuate the danger area or to consult an expert. Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases. Personal protective equipment shall be used when the risks cannot be avoided or sufficiently limited by technical means of collective protection or by measures, methods or procedures of work organization.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Equipment required for containment/clean-up

Non-sparking tools and equipment, Collecting basins for spills, Personal protective equipment

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

according to Regulation (EC) No. 1907/2006 (REACH)



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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas. Prevent from heating up above 50 °C/122 °F. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

- Explosive atmospheres

Use local and general ventilation. Prevent from heating up above 50 °C/122 °F. Protect from sunlight.

- Corrosive conditions

Protect from moisture.

- Flammability hazards

Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Protect from sunlight.

Control of effects

Do not pierce or burn, even after use.

Protect against external exposure, such as

Heat

- Specific designs for storage rooms or vessels
- Maximum storage period
- Best before date
- Packaging compatibilities

Only packagings which are approved (e.g. acc. to ADR) may be used.

- Storage class (LGK) - TRGS 510

LGK 2 B (aerosol dispensers and lighters)

7.3 Specific end use(s)

Coating

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

This information is not available.

according to Regulation (EC) No. 1907/2006 (REACH)



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Relevant DNELs of	f components	of the mix	ture			
Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
bioethanol	64-17-5	DNEL	1.900 mg/m ³	human, inhalatory	worker (industry)	acute - local effects
bioethanol	64-17-5	DNEL	343 mg/kg	human, dermal	worker (industry)	chronic - systemic ef- fects
bioethanol	64-17-5	DNEL	950 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic ef- fects
bioethanol	64-17-5	DNEL	87 mg/kg	human, oral	consumer (private households)	chronic - systemic ef- fects
bioethanol	64-17-5	DNEL	206 mg/kg	human, dermal	consumer (private households)	chronic - systemic ef- fects
bioethanol	64-17-5	DNEL	114 mg/m ³	human, inhalatory	consumer (private households)	chronic - systemic ef- fects
cyclopentane	287-92-3	DNEL	3.000 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic ef- fects
cyclopentane	287-92-3	DNEL	432 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic ef- fects
cyclopentane	287-92-3	DNEL	643 mg/m ³	human, inhalatory	consumer (private households)	chronic - systemic ef- fects
cyclopentane	287-92-3	DNEL	214 mg/kg bw/day	human, dermal	consumer (private households)	chronic - systemic ef- fects
cyclopentane	287-92-3	DNEL	214 mg/kg bw/day	human, oral	consumer (private households)	chronic - systemic ef- fects

Relevant PNECs of components of the mixture								
Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental com- partment	Exposure time		
bioethanol	64-17-5	PNEC	0,96 ^{mg} / _l	aquatic organisms	freshwater	short-term (single in- stance)		
bioethanol	64-17-5	PNEC	0,79 ^{mg} / _l	aquatic organisms	marine water	short-term (single in- stance)		
bioethanol	64-17-5	PNEC	580 ^{mg} / _l	aquatic organisms	sewage treatment plant (STP)	short-term (single in- stance)		
bioethanol	64-17-5	PNEC	3,6 ^{mg} / _{kg}	aquatic organisms	freshwater sediment	short-term (single in- stance)		
bioethanol	64-17-5	PNEC	0,63 ^{mg} / _{kg}	terrestrial organisms	soil	short-term (single in- stance)		
bioethanol	64-17-5	PNEC	2,75 ^{mg} / _l	aquatic organisms	water	intermittent release		

8.2 Exposure controls

Appropriate engineering controls General ventilation.

according to Regulation (EC) No. 1907/2006 (REACH)



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Individual protection measures (personal protective equipment)

Personal protective equipment shall be used when the risks cannot be avoided or sufficiently limited by technical means of collective protection or by measures, methods or procedures of work organization.

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Butyl rubber; Layer thickness: 0.7 mm; Break through time: 240 min. 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. Check leak-tightness/ impermeability prior to use. Do not wear gloves near rotary machines or tools.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

[In case of inadequate ventilation] wear respiratory protection. Type: ABEK-P2 (combined filters against gases, vapours and particles, colour code: Brown/Grey/Yellow/Green/White).

Environmental exposure controls

The disposal by sewage disposal systems is generally not allowed.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid, solid, gaseous (spray aerosol)
Colour	not determined
Odour	characteristic
Melting point/freezing point	-187,6 °C at 1.013 hPa
Boiling point or initial boiling point and boiling range	-161,5 °C at 1.013 hPa
Flammability	flammable aerosol in accordance with GHS criteria
Lower and upper explosion limit	1,1 vol% - 15 vol%
Flash point	-88,6 °C at 1.013 hPa calculated value, referring to a component of the mix- ture
Auto-ignition temperature	$287{}^{\circ}C$ (auto-ignition temperature (liquids and gases))
Decomposition temperature	not relevant
pH (value)	not applicable not determined
Kinematic viscosity	not relevant
Solubility(ies)	not determined
Partition coefficient	
Partition coefficient n-octanol/water (log value)	this information is not available
Vapour pressure	5,254 PSI at 70 °F

according to Regulation (EC) No. 1907/2006 (REACH)



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	Density and/or relative density	
	Density	not determined
	Relative vapour density	information on this property is not available
	Particle characteristics	not relevant (aerosol)
	Decomposition temperature	not determined
9.2	Other information	92,99 % by mass of the contents are flammable
	Information with regard to physical hazard classes	
	Aerosols	
	- Components (flammable)	92,99 %
	Other safety characteristics	there is no additional information

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Do not spray on an open flame or other ignition source. Keep away from heat.

Hints to prevent fire or explosion

Protect from sunlight.

10.5 Incompatible materials

Oxidisers

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

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

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification according to GHS (1272/2008/EC, CLP)

Acute toxicity

Shall not be classified as acutely toxic.

according to Regulation (EC) No. 1907/2006 (REACH)



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Skin corrosion/irritation Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity Shall not be classified as carcinogenic.

Reproductive toxicity Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

11.2 Information on other hazards

There is no additional information.

SECTION 12: Ecological information

12.1 Toxicity

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Shall not be classified as hazardous to the aquatic environment.

Aquatic toxicity (acute) of components of the mixture							
Name of substance	CAS No	Endpoint	Value	Species	Exposure time		
butane	106-97-8	LC50	27,98 ^{mg} / _l	fish	96 h		
butane	106-97-8	EC50	7,71 ^{mg} / _l	algae	96 h		
bioethanol	64-17-5	LC50	15.400 ^{mg} / _l	fish	96 h		
bioethanol	64-17-5	EC50	12.700 ^{mg} / _l	fish	96 h		
bioethanol	64-17-5	ErC50	22.000 ^{mg} / _l	algae	96 h		
propane	74-98-6	LC50	27,98 ^{mg} / _l	fish	96 h		
propane	74-98-6	EC50	7,71 ^{mg} / _l	algae	96 h		
cyclopentane	287-92-3	LL50	29,3 ^{mg} / _l	fish	96 h		
cyclopentane	287-92-3	EL50	51,15 ^{mg} / _l	aquatic invertebrates	48 h		

according to Regulation (EC) No. 1907/2006 (REACH)



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Aquatic toxicity (acute) of components of the mixture						
Name of substance	CAS No	Endpoint	Value	Species Expo		
isobutane	75-28-5	LC50	49,9 ^{mg} / _l	fish	96 h	
isobutane	75-28-5	EC50	19,37 ^{mg} / _l	algae	96 h	

Aquatic toxicity (chronic) of components of the mixture								
Name of substance	CAS No	Endpoint	Value	Species	Exposure time			
bioethanol	64-17-5	EC50	22,6 ^g / _l	algae	10 d			
bioethanol	64-17-5	LC50	1.806 ^{mg} / _l	aquatic invertebrates	10 d			
bioethanol	64-17-5	ErC50	675 ^{mg} / _l	algae	4 d			

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

Bioaccumulative potential of components of the mixture							
Name of substance	CAS No	BCF	Log KOW	BOD5/COD			
butane	106-97-8		1,09 (pH value: 7, 20 °C)				
bioethanol	64-17-5		-0,77	0,6211			
propane	74-98-6		1,09 (pH value: 7, 20 °C)				
cyclopentane	287-92-3	70,8	3 (pH value: 7, 25 °C)				
isobutane	75-28-5		1,09 (pH value: 7, 20 °C)				

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Endocrine disrupting properties

Information on this property is not available.

12.7 Other adverse effects

Data are not available.

according to Regulation (EC) No. 1907/2006 (REACH)



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SECTION 13: Disposal considerations

13.1 Waste treatment methods

The disposal by sewage disposal systems is generally not allowed.

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packagings

It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Relevant provisions relating to waste

List of wastes

16 05 04

Remarks

CTION 14. Tr

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport Information				
14.1	UN number or ID number			
	ADR/RID/ADN	UN 1950		
	IMDG-Code	UN 1950		
	ICAO-TI	UN 1950		
14.2	UN proper shipping name			
	ADR/RID/ADN	AEROSOLS		
	IMDG-Code	AEROSOLS		
	ICAO-TI	Aerosols, flammable		
14.3	Transport hazard class(es)			
	ADR/RID/ADN	2 (2.1)		
	IMDG-Code	2.1		
	ICAO-TI	2.1		
14.4	Packing group	not assigned		
14.5	Environmental hazards	non-environmentally hazardous acc. to the dangerous goods regulations		

14.6 Special precautions for user

Provisions for dangerous goods (ADR) should be complied within the premises.

14.7 Maritime transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

Information for each of the UN Model Regulations

according to Regulation (EC) No. 1907/2006 (REACH)



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Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN) - Additional information Classification code 5F Danger label(s) 2.1 Special provisions (SP) 190, 327, 344, 625 Excepted quantities (EQ) E0 Limited quantities (LQ) 1 L Transport category (TC) 2 D Tunnel restriction code (TRC) International Maritime Dangerous Goods Code (IMDG) - Additional information Marine pollutant Danger label(s) 2.1 Special provisions (SP) 63, 190, 277, 327, 344, 381, 959 Excepted quantities (EQ) E0 Limited quantities (LQ) 1 L EmS F-D, S-U Stowage category International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information Danger label(s) 2.1 Special provisions (SP) A145, A167 Excepted quantities (EQ) E0 Limited quantities (LQ) 30 kg

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according to Regulation (EC) No. 1907/2006 (REACH)



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SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Relevant provisions of the European Union (EU)

List of substances subject to authorisation (REACH, Annex XIV) / SVHC - candidate list none of the ingredients are listed

Directive 75/324/EEC relating to aerosol dispensers

Classification of the gas/aerosol Labelling

extremely flammable

Pressurized container: may burst if heated. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
ADR/RID/ADN	European Agreements concerning the International Carriage of Dangerous Goods by Road/Rail/Inland Waterways (ADR/RID/ADN)
Aquatic Chronic	Hazardous to the aquatic environment - chronic hazard
Asp. Tox.	Aspiration hazard
BCF	Bioconcentration factor
BOD	Biochemical Oxygen Demand
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
COD	Chemical oxygen demand
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)
EINECS	European Inventory of Existing Commercial Chemical Substances
EL50	Effective Loading 50 %: the EL50 corresponds to the loading rate required to produce a response in 50% of the test organisms

according to Regulation (EC) No. 1907/2006 (REACH)



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Abbr.	Descriptions of used abbreviations
ELINCS	European List of Notified Chemical Substances
EmS	Emergency Schedule
ErC50	= EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
Flam. Gas	Flammable gas
Flam. Liq.	Flammable liquid
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
ΙΑΤΑ	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
ICAO-TI	Technical instructions for the safe transport of dangerous goods by air
IMDG	International Maritime Dangerous Goods Code
IMDG-Code	International Maritime Dangerous Goods Code
index No	The Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethal- ity during a specified time interval
LGK	Lagerklasse (storage class according to TRGS 510, Germany)
LL50	Lethal Loading 50 %: the LL50 corresponds to the loading rate causing 50 % lethality
log KOW	n-Octanol/water
NLP	No-Longer Polymer
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
Press. Gas	Gas under pressure
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concern- ing the International carriage of Dangerous goods by Rail)
STOT SE	Specific target organ toxicity - single exposure
SVHC	Substance of Very High Concern
TRGS	Technische Regeln für GefahrStoffe (technical rules for hazardous substances, Germany)
vPvB	Very Persistent and very Bioaccumulative

Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. Regulation (EC) No. 1907/2006 (REACH), amended by 2020/878/EU.

according to Regulation (EC) No. 1907/2006 (REACH)



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Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture. Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (ad-

ditivity formula).

List of relevant phrases (code and full text as stated in chapter 2 and 3)

Code	Text
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.