According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

SAFETY DATA SHEET

Isopropylalcohol

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

1.1. Product identifier

Trade name Isopropylalcohol Other means of identification Index No.: 603-117-00-0 EC No.: 200-661-7 CAS No.: 67-63-0

Unique formula identifier (UFI)

36QH-UUW6-7KD5-4ANN

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

Relevant identified uses of the substance or mixture

Cleaning product Use descriptors (REACH)

Sector of use	Description
LCS "PW"	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
LCS "C"	Consumer uses: Private households (= general public = consumers)
Product categories	Description
PC35	Washing and Cleaning Products (including solvent based products)
Process Categories	Description
PROC19	Hand-mixing with intimate contact and only PPE available
Environmental release categories	Description
ERC8a	Wide dispersive indoor use of processing aids in open systems

Uses advised against

No special

1.3. Details of the supplier of the safety data sheet

Company and address Pureno A/S

Rønnevangs Alle 8 3400 Hillerød Danmark +45 70 260 267 Contact person

Kenneth Christensen

E-mail

kc@pureno.dk

SDS date

2021-05-27

SDS Version

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

1.0

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service). See section 4 "First aid measures".

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Flam. Liq. 1; H224, Extremely flammable liquid and vapour.

Flam. Liq. 2; H225, Highly flammable liquid and vapour.

Eye Irrit. 2; H319, Causes serious eye irritation.

STOT SE 3; H336, May cause drowsiness or dizziness.

2.2. Label elements

Hazard pictogram(s)



Signal word

Danger

Hazard statement(s)

Extremely flammable liquid and vapour. Highly flammable liquid and vapour.

Causes serious eye irritation.

May cause drowsiness or dizziness.

Safety statement(s)

General

P101, If medical advice is needed, have product container or label at hand.

P102, Keep out of reach of children.

Prevention

P210, Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233, Keep container tightly closed.

Response

P305+P351+P338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P370+P378, In case of fire: Use water mist / carbon dioxide / alcohol-resistant foam to extinguish.

Storage

P403+P235, Store in a well-ventilated place. Keep cool.

Disposal

P501, Dispose of contents/container to an approved waste disposal plant.

Hazardous substances

Propan-2-ol

2.3. Other hazards

Additional labelling

EUH019, May form explosive peroxides.

Additional warnings

The material contains substances included in the DEMA's list of peroxide forming substances in Group B. Group B includes substances, which can form hazardous levels of peroxides e.g. during distillation, evaporation or extraction.

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances

Product/substance	Identifiers	% w/w	Classification	Note
Propan-2-ol	CAS No.: 67-63-0 EC No.: 200-661-7	95-100%	Flam. Liq. 2, H225 STOT SE 3, H336 Eye Irrit. 2, H319	
	REACH:			
	Index No.: 603-117-00-0			

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available. Other information

No special

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

Eye contact

Upon irritation of the eye: Remove contact lenses. Flush eyes immediately with plenty of water or isotonic water (20-30°C) for at least 5 minutes and continue until irritation stops. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

Burns

Rinse with water until pain stops then continue to rinse for 30 minutes.

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

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

IF exposed or concerned:

Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist. Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO2).

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.

Avoid inhalation of vapours from spilled material.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

6.3. Methods and material for containment and cleaning up

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.

To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 on "Disposal considerations" in regard of handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ground and bond container and receiving equipment.

Use explosion-proof [electrical / lighting / ventilating]equipment.

Use non-sparking tools.

Take action to prevent static discharges.

The product should be tested for peroxides before distillation or evaporation and tested for peroxide formation or discarded after 1 year.

Peroxide formation may be present anywhere in the container, including the sides, bottom, exterior and threaded cap. Peroxide formation in ppm concentrations may not be visually observable and must be identified through the use of appropriate testing procedures. If any of the following conditions exist, the material may be explosively unstable and will require stabilization prior to use:

- 1. Material appears to be degraded and or contaminated.
- 2. Material appears to be discolored.
- 3. Deterioration or distortion of storage container.
- 4. Thermal shock (sunlight).

5. Age of material exceeds recommended storage time.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Take action to prevent static discharges.

Must be stored in a cool and well-ventilated area, away from possible sources of ignition.

Recommended storage material

Always store in containers of the same material as the original container.

Storage temperature

> 0°C

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Propan-2-ol

Long term exposure limit (8 hours) (ppm): 400 Long term exposure limit (8 hours) (mg/m³): 999 Short term exposure limit (15 minutes) (ppm): 500 Short term exposure limit (15 minutes) (mg/m³): 1250

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002. EH40/2005 Workplace exposure limits (Fourth Edition 2020)

DNEL

Product/substance	Propan-2-ol
DNEL	888 mg/kg bw/dag
Route of exposure	Dermal
Duration	Long term – Systemic effects - Workers
Product/substance	Propan-2-ol
DNEL	500 mg7m3
Route of exposure	Inhalation
Duration	Long term – Systemic effects - Workers
Product/substance	Propan-2-ol
DNEL	319mg/kg bw/dag
Route of exposure	Dermal
Duration	Long term – Systemic effects - General population
Product/substance	Propan-2-ol
DNEL	89mg/m3
Route of exposure	Inhalation
Duration	Long term – Systemic effects - General population
Product/substance	Propan-2-ol
DNEL	26mg/kg bw/dag
Route of exposure	Oral
Duration	Long term – Systemic effects - General population

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

PNEC

Product/substance PNEC Route of exposure Duration of Exposure	Propan-2-ol 552mg/kg Marine water sediment
Product/substance PNEC Route of exposure Duration of Exposure	Propan-2-ol 140,9 mg/l Freshwater
Product/substance PNEC Route of exposure Duration of Exposure	Propan-2-ol 28 mg/kg Soil
Product/substance PNEC Route of exposure Duration of Exposure	Propan-2-ol 140,9 mg/l Marine water
Product/substance PNEC Route of exposure Duration of Exposure	Propan-2-ol 140,9 mg/l Intermittent release
Product/substance PNEC Route of exposure Duration of Exposure	Propan-2-ol 251 mg/l Sewage treatment plant
Product/substance PNEC Route of exposure Duration of Exposure	Propan-2-ol 552 mg/kg Freshwater sediment

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis. General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures

Airborne gas and dust concentrations must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and -showers are clearly marked.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

dividual protection measures,	, such as	personal protec	tive equipment		
Generally Use only CE marked prote	ective equ	uipment.			
Respiratory Equipment					
Work situation	Туре		Cla	ss Colour Standards	
When developing vapour, use respiratory protection with approved filter	Normally is not ne	ı, personal respira cessary	atory equitment		
Skin protection					
Work situation	Recomm	ended	Туре	Category Standards	
	Dedicate	d work clothing s	hould be worn -	-	R
Hand protection					
Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
	Nitrile	0.3	> 60	EN374-2, EN374-3, EN388	
Eye protection					
Work situation	Туре		Standa	rds	
	Safety gl	asses	EN166		
CTION 9: Physical and chemic	cal prope	rties			
			es		
l. Information on basic physic Form Liquid			es		
I. Information on basic physic Form Liquid Colour			es		
I. Information on basic physic Form Liquid Colour Colourless Odour	cal and ch	iemical properti			
. Information on basic physic Form Liquid Colour Colourless Odour Testing not relevant or no Odour threshold (ppm)	cal and ch ot possibl	emical properti e due to nature	of the product.		
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Liquid Colour Colourless Odour Testing not relevant or no Odour threshold (ppm)	cal and ch ot possibl ot possibl	emical properti e due to nature e due to nature	of the product. of the product.		
I. Information on basic physic Form Liquid Colour Colourless Odour Testing not relevant or no Odour threshold (ppm) Testing not relevant or no pH Testing not relevant or no Density (g/cm ³) 0.79 Viscosity Testing not relevant or no	cal and ch ot possibl ot possibl ot possibl	e due to nature e due to nature e due to nature e due to nature	of the product. of the product. of the product.		
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According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Decomposition t Testing not re Evaporation rate Data on fire and exp Flash point (°C) 12.00 °C Ignition (°C) Testing not re Auto flammabilit Testing not re Explosion limits (Testing not re Explosive proper Testing not re Oxidizing proper Testing not re Solubility Solubility in wate Testing not re Solubility in water Testing not re Solubility in tat (g	evant or not possible due to nature of the product. n-butylacetate = 100) osion hazards evant or not possible due to nature of the product. (°C) evant or not possible due to nature of the product. 6 v/v) evant or not possible due to nature of the product. les evant or not possible due to nature of the product. les evant or not possible due to nature of the product. les evant or not possible due to nature of the product. befficient evant or not possible due to nature of the product. befficient evant or not possible due to nature of the product. L) evant or not possible due to nature of the product.
SECTION 10: Stabilit	and reactivity
10.3. Possibility of h 10.4. Conditions to a Avoid static e Do not expos	ty stable under the conditions, noted in section 7 "Handling and storage". zardous reactions roid

Risk of formation of explosive peroxides when distilled, evaporated or otherwise concentrated.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects Acute toxicity

Product/substance	Propan-2-ol
Test method	
Species	Rabbit
Route of exposure	Dermal

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

Т	ſest	LD50
	Result	>2000 mg/kg ·
C	Other information	
	Product/substance Fest method	Propan-2-ol
	Species	Rat
	Route of exposure	Oral
	Test	LD50
	Result	5840 mg/kg ·
C	Other information	
	Product/substance Fest method	Propan-2-ol
5	Species	Rat
F	Route of exposure	Inhalation
Т	ſest	LC50
F	Result	66,1mg/l 4 h ·
C	Other information	
	Product/substance Fest method	Propan-2-ol
	Species	Rat
	Route of exposure	Inhalation
	Test	LC50
F	Result	47,5mg/l 8 h ·
C	Other information	
	corrosion/irritation	a, the classification criteria are not met.
	ous eye damage/irrita	
	Causes serious eye irri	
	piratory sensitisation	
		a, the classification criteria are not met.
Skin	sensitisation	
E	Based on available dat	a, the classification criteria are not met.
Gerr	m cell mutagenicity	
		a, the classification criteria are not met.
	cinogenicity	
		a, the classification criteria are not met.
	roductive toxicity	and a structure of the
	T-single exposure	a, the classification criteria are not met.
	May cause drowsiness	or dizziness
	T-repeated exposure	
		a, the classification criteria are not met.
	iration hazard	
		a, the classification criteria are not met.
	g term effects	
	-	product contains substances, which may cause irritation upon exposure to skin, eyes or
	-	esult in an increased absorption potential of other hazardous substances at the area of
	exposure.	
Ν	Neurotoxic effects: Thi	s product contains organic solvents, which may cause adverse effects to the nervous

Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and may result in an increased absorption potential of other hazardous substances at the area of exposure.

Other information

Propan-2-ol has been classified by IARC as a group 3 carcinogen.

SECTION 12: Ecological information

12.1. Toxicity

Product/substance Test method Species Compartment Duration Test Result Other information	Propan-2-ol Algae 8 days NOEC >1800 mg/l ·
Product/substance Test method Species Compartment Duration Test Result Other information	Propan-2-ol Fish 96 hours LC50 8970-9280 mg/l ·
Product/substance Test method Species Compartment Duration Test Result Other information	Propan-2-ol Daphnia 24 hours EC50 9714 mg/l ·
Product/substance Test method Species Compartment Duration Test Result Other information	Propan-2-ol Crustacean 18 hours EC10 5175 mg/l ·
Product/substance Test method Species Compartment Duration Test Result	Propan-2-ol Crustacean No data available. EC50 >1000mg/l ·

Other information

12.2. Persistence and degradability

Product/substance	Propan-2-ol
Biodegradable	Yes
Test method	OECD 301 E
Result	95%

12.3. Bioaccumulative potential

Product/substance	Propan-2-ol
Test method	
Potential	No
bioaccumulation	
LogPow	No data available
BCF	No data available
Other information	

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Other adverse effects

No special

SECTION 13: Disposal considerations

13.1. Waste treatment methods

To the extent the material has not been subject to regular tests of peroxide formation the waste shall be treated as explosive waste.

Product is covered by the regulations on hazardous waste.

HP 3 - Flammable

HP 4 - Irritant (skin irritation and eye damage)

HP 15 - May form explosive peroxides

Avoid discharge to lakes, streams, sewers, etc.

Dispose of contents/container to an approved waste disposal plant.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EWC code

07 01 04* Other organic solvents, washing liquids and mother liquors

Specific labelling

Not applicable

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

14.1 - 14.4

This product is within scope of the regulations of transport of dangerous goods. ADR/RID

UN proper shipping name ISOPROPANOL (ISOPROPYL ALCOHO UN proper shipping name ISOPROPANOL (ISOPROPYL ALCOHOL UTANT" UN proper shipping name ISOPROPANOL (ISOPROPYL ALCOHOL tal hazards ible autions for user ible bulk according to Annex II of Marp ailable	Labels) 3 Labels) 3	PG II IG	Tunnel restriction code 2 (D/E) EmS F-E, S-D PG II
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tal hazards ible autions for user ible bulk according to Annex II of Marp ailable	-		Π
ible autions for user ible bulk according to Annex II of Marp ailable	ool and the IBC Code		
r application ler the age of 18 shall not be expose yomen and women breastfeeding m recautions or design of the workpla specific education requirements gories / dangerous substances MABLE LIQUIDS, Qualifying quantity MABLE LIQUIDS, Qualifying quantity ormation able	ed to this product. nust not be exposed to ace needed to eliminat y (lower-tier): 5.000 to y (lower-tier): 10 tonne	o this product. The exposure, mus nnes / (upper-tie	he risk, and possible st be considered. er): 50.000 tonnes
Major Accident Hazards (COMAH) Re (EU) No 1357/2014 of 18 December (EC) No 1272/2008 of the European on, labelling and packaging of subst and 1999/45/EC, and amending Re (EC) 1907/2006 (REACH).	egulations 2015. 2014 on waste. Parliament and of the ances and mixtures, a	imending and re	
	th and environmental regulations/le or application der the age of 18 shall not be expose vomen and women breastfeeding m recautions or design of the workpla specific education requirements gories / dangerous substances MABLE LIQUIDS, Qualifying quantit MABLE LIQUIDS, Qualifying quantit MABLE LIQUIDS, Qualifying quantit ormation able and Safety at Work etc. Act 1974 Re Major Accident Hazards (COMAH) R (EU) No 1357/2014 of 18 December (EC) No 1272/2008 of the European on, labelling and packaging of subst	or application der the age of 18 shall not be exposed to this product. women and women breastfeeding must not be exposed to recautions or design of the workplace needed to eliminat specific education requirements gories / dangerous substances MABLE LIQUIDS, Qualifying quantity (lower-tier): 5.000 to MABLE LIQUIDS, Qualifying quantity (lower-tier): 10 tonn- ormation able and Safety at Work etc. Act 1974 Regulations 2013. Major Accident Hazards (COMAH) Regulations 2015. (EU) No 1357/2014 of 18 December 2014 on waste. (EC) No 1272/2008 of the European Parliament and of the on, labelling and packaging of substances and mixtures, a C and 1999/45/EC, and amending Regulation (EC) No 1907 (EC) 1907/2006 (REACH).	th and environmental regulations/legislation specific for the substance or or application der the age of 18 shall not be exposed to this product. vomen and women breastfeeding must not be exposed to this product. The recautions or design of the workplace needed to eliminate exposure, must specific education requirements gories / dangerous substances MABLE LIQUIDS, Qualifying quantity (lower-tier): 5.000 tonnes / (upper-tier) MABLE LIQUIDS, Qualifying quantity (lower-tier): 10 tonnes / (upper-tier): MABLE LIQUIDS, Qualifying quantity (lower-tier): 10 tonnes / (upper-tier): formation able and Safety at Work etc. Act 1974 Regulations 2013. Major Accident Hazards (COMAH) Regulations 2015. (EU) No 1357/2014 of 18 December 2014 on waste. (EC) No 1272/2008 of the European Parliament and of the Council of 16 E on, labelling and packaging of substances and mixtures, amending and rec and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP). (EC) 1907/2006 (REACH).

Full text of H-phrases as mentioned in section 3 H225, Highly flammable liquid and vapour.

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

H336, May cause drowsiness or dizziness. H319, Causes serious eye irritation. The full text of identified uses as mentioned in section 1 LCS "PW" = Professional uses: Public domain (administration, education, entertainment, services, craftsmen) LCS "C" = Consumer uses: Private households (= general public = consumers) PROC19 = Hand-mixing with intimate contact and only PPE available PC35 = Washing and Cleaning Products (including solvent based products) ERC8a = Wide dispersive indoor use of processing aids in open systems Abbreviations and acronyms ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road ATE = Acute Toxicity Estimate **BCF** = Bioconcentration Factor CAS = Chemical Abstracts Service CE = Conformité Européenne CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] CSA = Chemical Safety Assessment CSR = Chemical Safety Report DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EINECS = European Inventory of Existing Commercial chemical Substances ES = Exposure Scenario EUH statement = CLP-specific Hazard statement EWC = European Waste Catalogue GHS = Globally Harmonized System of Classification and Labelling of Chemicals IARC = International Agency for Research on Cancer (IARC) IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) OECD = Organisation for Economic Co-operation and Development PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail RRN = REACH Registration Number SCL = A specific concentration limit. SVHC = Substances of Very High Concern STOT-RE = Specific Target Organ Toxicity - Repeated Exposure STOT-SE = Specific Target Organ Toxicity - Single Exposure TWA = Time weighted average UN = United Nations UVCB = Complex hydrocarbon substance VOC = Volatile Organic Compound vPvB = Very Persistent and Very Bioaccumulative Additional information The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) The classification of the substance/mixture in regard of physical hazards has been based on experimental data. The safety data sheet is validated by LT

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not

According to EC-Regulation 1907/2006 (REACH), annex II, as implemented by EC-Regulation 2015/830

necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en