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

1.1 Product identifier

Trade name

Orange Power

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

Relevant identified uses of the substance or mixture

Cleaner

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

Koch-Chemie GmbH Einsteinstr. 42 D-59423 Unna

Telephone no. +49-2303-9 86 70-0 Fax no. +49-2303-9 86 70-26

Advice on Safety Data Sheet

sdb info@umco.de

1.4 Emergency telephone number

For medical advice (in German and English): +49 (0)551 192 40 (Giftinformationszentrum Nord)

For information in the event of an emergency during transport:

+44 1865 407333

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Flam. Liq. 3; H226 Asp. Tox. 1; H304 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Chronic 2; H411

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

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

Hazard pictograms



GHS05







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Signal word

Danger

Hazardous component(s) to be indicated on label:

Orange, sweet, ext.

Hydrocarbons, C11-C14, isoalkanes, <2% aromatics

2-propylheptane-1-ol, ethoxylated

Hazard statement(s)

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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 spray, alcohol-resistant foam, dry chemical or carbon dioxide to

extinguish.

P391 Collect spillage.

2.3 Other hazards

PBT assessment

According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT.

vPvB assessment

According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Hazardous ingredients

No	Substance name		Additi	onal information	1		
	CAS / EC / Index /	Classification (EC) 1272/2008 (CLP)	Concentration		%		
	REACH no						
1	Orange, sweet, ext	•					
	8028-48-6	Asp. Tox. 1; H304	>=	25.00 - <	50.00	wt%	
	232-433-8	Flam. Liq. 3; H226					
	-	Skin Irrit. 2; H315					
	01-2119493353-35	Skin Sens. 1; H317					
		Aquatic Chronic 2; H411					
2	Hydrocarbons, C11	-C14, isoalkanes, <2% aromatics					
	-	Asp. Tox. 1; H304	>=	25.00 - <	50.00	wt%	
	927-285-2	EUH066					
	-						

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	01-2119480162-45					
3	propan-2-ol					
	67-63-0	Eye Irrit. 2; H319	>=	10.00 - <	25.00	wt%
	200-661-7	Flam. Liq. 2; H225				
	603-117-00-0	STOT SE 3; H336				
	01-2119457558-25					
4	2-propylheptane-1-	ol, ethoxylated				
	160875-66-1	Eye Dam. 1; H318	<	5.00		wt%
	-	Acute Tox. 4; H302				
	-					
	-					

Full Text for all H-phrases and EUH-phrases: pls. see section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. In case of allergic symptoms, especially respiratory tract related, seek medical help immediately.

After inhalation

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air. Do not use mouth-to-mouth or mouth-to-nose resuscitation.

After skin contact

Wash off immediately with soap and water. Consult a doctor if skin irritation persists.

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Get immediate ophthalmic treatment.

After ingestion

Rinse out mouth and give plenty of water to drink. Do not induce vomiting - aspiration hazard. Never give anything by mouth to an unconscious person. Call a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

Effects

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray jet; Alcohol-resistant foam; Carbon dioxide; Dry chemical extinguisher

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO2); Carbon monoxide (CO); Toxic gases/vapours

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear full protective suit. Run-off water from fire fighting must not be discharged into drains or enter surface water. Containers close to fire should be transferred to a safe place. Cool closed containers exposed to fire with water.

SECTION 6: Accidental release measures



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6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Use personal protective clothing. Keep away from ignition sources

For emergency responders

Personal protective equipment (PPE) - see section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil. In case of entry into waterways, soil or drains, inform the responsible authorities.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections

Information regarding safe handling, see section 7. Information regarding personal protective measures, see section 8. Information regarding waste disposal, see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Do not inhale vapours. Avoid contact with eyes and skin. Wash hands before breaks and after work. Remove contaminated clothing and shoes and launder thoroughly before reusing. Have emergency shower available. Provide eye wash fountain in work area.

Advice on protection against fire and explosion

Vapours can form an explosive mixture with air. Isolate from sources of heat, sparks and open flame. Take precautionary measures against electrostatic loading (earthing necessary during loading operations). Use explosion-proof equipment/fittings and non-sparking tools.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original.

Incompatible products

Substances to be avoided, see section 10.

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

No	Substance name	CAS no.	EC no.	
1	propan-2-ol	67-63-0	200-661-7	
	List of approved workplace exposure limits (WELs) / EH40			
	Propan-2-ol			

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WEL short-term (15 min reference period)	1250	mg/m³	500	ppm
WEL long-term (8-hr TWA reference period)	999	mg/m³	400	ppm

DNEL, DMEL and PNEC values

DNEL values (worker)

No	Substance name			CAS / EC	no
	Route of exposure	Exposure time	Effect	Value	
1	Orange, sweet, ext.			8028-48-6	
				232-433-8	}
	dermal	Short term (acut)	local	185.8	μg/cm²
	dermal	Long term (chronic)	systemic	8.89	mg/kg/day
	inhalative	Long term (chronic)	systemic	31.1	mg/m³
2	propan-2-ol			67-63-0	
				200-661-7	,
	dermal	Long term (chronic)	systemic	888	mg/kg/day
	inhalative	Long term (chronic)	systemic	500	mg/m³

DNEL value (consumer)

No	Substance name			CAS / EC	no
	Route of exposure	Exposure time	Effect	Value	
1	Orange, sweet, ext.			8028-48-6	
				232-433-8	3
	oral	Long term (chronic)	systemic	4.44	mg/kg/day
	dermal	Short term (acut)	local	92.9	μg/cm²
	dermal	Long term (chronic)	systemic	4.44	mg/kg/day
	inhalative	Long term (chronic)	systemic	7.78	mg/m³
2	propan-2-ol			67-63-0	
				200-661-7	7
	oral	Long term (chronic)	systemic	26	mg/kg/day
	dermal	Long term (chronic)	systemic	319	mg/kg/day
	inhalative	Long term (chronic)	systemic	89	mg/m³

PNEC values

	FNEC values		1010/50	
No	Substance name		CAS / EC n	0
	ecological compartment	Type	Value	
1	Orange, sweet, ext.		8028-48-6	
			232-433-8	
	water	fresh water	5.4	μg/L
	water	marine water	0.54	μg/L
	water	Aqua intermittent	5.77	μg/L
	water	fresh water sediment	1.3	mg/kg dry
				weight
	water	marine water sediment	0.13	mg/kg dry
				weight
	soil	-	0.261	mg/kg dry
				weight
	sewage treatment plant	-	2.1	mg/L
	secondary poisoning	-	13.3	mg/kg food
2	propan-2-ol		67-63-0	
			200-661-7	
	water	fresh water	140.9	mg/L
	water	Aqua intermittent	140.9	mg/L
	water	marine water	140.9	mg/L
	water	fresh water sediment	552	mg/L
	water	marine water sediment	552	mg/L
	soil	-	28	mg/kg
	sewage treatment plant	-	2251	mg/L

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secondary poisoning	1	160	mg/kg
with reference to: food			

8.2 **Exposure controls**

Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

Personal protective equipment

Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified. Filter A or environment-independent breathing apparatus.

Eye / face protection

Tightly fitting safety glasses (EN 166).

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific workstation suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material nitrile

Fluoro elastomer (FKM) Appropriate Material

Appropriate Material viton

Material thickness 0.4 mm Breakthrough time 120 min

Other

Chemical-resistant work clothes.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form/Colour		
liquid		
colourless		
Odour		
orange-like		
Odour threshold		
No data available		

pH value

No data available

Boiling point / boiling range No data available

Melting point / melting range

No data available

Decomposition point / decomposition range

No data available

Flash point

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Value 46

Auto-ignition temperature

No data available

Oxidising properties

not oxidizing

Explosive properties

This product is not explosive. In and after use danger of production of inflammable compounds.

Flammability (solid, gas)

No data available

Lower flammability or explosive limits

No data available

Upper flammability or explosive limits

No data available

Vapour pressure

No data available

Vapour density No data available

Evaporation rate No data available

Relative density

No data available

Density

0.85 Value g/cm³ °C Reference temperature 20

Solubility in water

Comments immiscible

Solubility(ies) No data available

Part	ition coefficient: n-octanol/water					
No	Substance name		CAS no.		EC no.	
1	Orange, sweet, ext.		8028-48-6		232-433-8	
log F	Pow	2.78	-	4.88		
Meth	nod	QSAR				
Soul	ce	ECHA				
2	propan-2-ol		67-63-0		200-661-7	
log F	Pow			0.05		
Refe	rence temperature			25	°C	
Soul	ce	ECHA				

Viscosity			
Value	<	7	mm²/s
Reference temperature		40	°C
Туре	kinematic		

Other information

Other information	
No data available.	

SECTION 10: Stability and reactivity

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10.1 Reactivity

Stable at ambient temperature.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

Dangerous reactions are not to be expected when handling product according to its intended use.

10.4 Conditions to avoid

Heat, naked flames and other ignition sources. Static discharges.

10.5 Incompatible materials

strong acids; Alkalis; Oxidizing agents

10.6 Hazardous decomposition products

None, if handled according to intended use.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acu	Acute oral toxicity (result of the ATE calculation for the mixture)					
No	Product Name					
1	Orange Power					
Con	nments	The result of the applied calculation method according to the				
		European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6,				
		Part 3 of Annex I is outside the values that imply a classification /				
	labelling of this mixture according to table 3.1.1 defining the					
		respective categories (ATE oral > 2000 mg/kg).				

Acu	Acute oral toxicity					
No	Substance name		CAS no.		EC no.	
1	Orange, sweet, ext.		8028-48-6		232-433-8	
LD5	0	>		5000	mg/kg bodyweight	
Spe	cies	rat				
Met	hod	OECD 401				
Sou	rce	ECHA				
2	propan-2-ol		67-63-0		200-661-7	
LD5	0			5840	mg/kg bodyweight	
Spe	cies	rat				
Met	hod	OECD 401				
Sou	rce	ECHA				
Eva	luation/classification	Based on av	ailable data, the	classificat	ion criteria are not met.	

Acu	Acute dermal toxicity					
No	Substance name		CAS no.		EC no.	
1	Orange, sweet, ext.		8028-48-6		232-433-8	
LD5	0	>		5000	mg/kg bodyweight	
Spe	cies	rabbit				
Met	hod	OECD 402				
Sou	rce	ECHA				

Acu	Acute inhalational toxicity					
No	Substance name		CAS no.		EC no.	
1	propan-2-ol		67-63-0		200-661-7	
LC5	0	>		10000	ppmV	
Dura	ation of exposure			6	h	
Stat	e of aggregation	Vapour				
Spe	cies	rat				

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Method	OECD 403
Source	ECHA
Evaluation/classification	Raced on available data, the classification criteria a

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

Skin	Skin corrosion/irritation					
No	Substance name	CAS no.	EC no.			
1	propan-2-ol	67-63-0	200-661-7			
Spec	cies	rabbit				
Soul	rce	ECHA				
Evaluation		non-irritant				
Eval	uation/classification	Based on available data, the classification	n criteria are not met.			

Seri	Serious eye damage/irritation					
No	Substance name		CAS no.	EC no.		
1	Orange, sweet, ext.		8028-48-6	232-433-8		
Spe	cies	rabbit				
Metl	nod	OECD 405				
Sou	rce	ECHA				
Eval	uation	non-irritant				
2	propan-2-ol		67-63-0	200-661-7		
Spe	cies	rabbit				
Metl	nod	OECD 405				
Sou	rce	ECHA				
Eval	uation	irritant				
Eval	uation/classification	Based on av	ailable data, the classification	n criteria are met.		

Res	Respiratory or skin sensitisation					
No	Substance name	(CAS no.	EC no.		
1	Orange, sweet, ext.	8	028-48-6	232-433-8		
Rou	ite of exposure	Skin				
Spe	cies	mouse				
Met	hod	OECD 429				
Sou	rce	ECHA				
Eva	luation	sensitizing				
2	propan-2-ol		7-63-0	200-661-7		
Rou	ite of exposure	Skin				
Spe	cies	guinea pig				
Met	hod	OECD 406				
Source		ECHA				
Evaluation		non-sensitizing				
Eva	luation/classification	Based on avail	able data, the clas	sification criteria are not met.		

Ger	Germ cell mutagenicity					
No	Substance name	CAS no.	EC no.			
1	propan-2-ol	67-63-0	200-661-7			
Soul	rce	ECHA				
Eval	uation/classification	Based on available data, the classification	n criteria are not met.			

Reproduction toxicity No data available

Card	Carcinogenicity					
No	Substance name	CAS no.	EC no.			
1	Orange, sweet, ext.	8028-48-6	232-433-8			
Metl	nod	OECD 451				
Source		ECHA				
Evaluation/classification		Based on available data, the classification	on criteria are not met.			

STOT - single exposure	
No data available	

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STO	STOT - repeated exposure						
No	Substance name	CAS no.	EC no.				
1	propan-2-ol	67-63-0	200-661-7				
Route of exposure inhalational							
Sou	Source ECHA						
Eval	Evaluation/classification Based on available data, the classification criteria are not met.						

Aspiration hazard	
No data available	

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)				
No Substance name	CAS no.		EC no.	
1 Orange, sweet, ext.	8028-48-6		232-433-8	
LC50		5.65	mg/l	
Duration of exposure		96	h	
Species	Danio rerio			
Method	OECD 203			
Source	ECHA			
2 propan-2-ol	67-63-0		200-661-7	
LC50		9640	mg/l	
Duration of exposure		96	h	
Species	Pimephales promelas			
Method	OECD 203			
Source	ECHA			

Toxicity to fish (chronic) No data available

Toxicity to Daphnia (acute)				
No Substance name	CAS no.		EC no.	
1 Orange, sweet, ext.	8028-48-	-6	232-433-8	
EC50		1.1	mg/l	
Duration of exposure		48	h	
Species	Daphnia magna			
Method	OECD 202			
Source	ECHA			
2 propan-2-ol	67-63-0		200-661-7	
EC50	>	10000	mg/l	
Duration of exposure		24	h	
Species	Daphnia magna			
Method	OECD 202			
Source	ECHA			

Toxicity to Daphnia (chronic)

No data available

Toxicity to algae (acute)					
No	Substance name	CAS no.		EC no.	
1	Orange, sweet, ext.	8028-48-6		232-433-8	
ErC:	50		150	mg/l	
Dura	ation of exposure		72	h	
Spe	cies	Desmodesmus subspica	tus		
Metl	hod	OECD 201			
Sou	rce	ECHA			

Toxicity to algae (chronic)	
No data available	

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Bacteria toxicity
No data available

12.2 Persistence and degradability

Biod	Biodegradability			
No	Substance name	CAS no.		EC no.
1	Orange, sweet, ext.	8028-48-6		232-433-8
Sou	rce	ECHA		
Eval	uation	readily biodegradable		
2	propan-2-ol	67-63-0		200-661-7
Туре	e	BOD/COD		
Valu	e		53	%
Dura	ation		5	day(s)
Sou	rce	ECHA		
Eval	uation	readily biodegradable		

12.3 Bioaccumulative potential

Biod	concentration factor (BCF)				
No	Substance name	CA	S no.	EC no.	
1	Orange, sweet, ext.	802	28-48-6	232-433-8	
BCF		32	- 156		
Soul	rce	ECHA			

Part	Partition coefficient: n-octanol/water					
No	Substance name		CAS no.		EC no.	
1	Orange, sweet, ext.		8028-48-6		232-433-8	
log F	Pow	2.78	-	4.88		
Metl	nod	QSAR				
Sou	rce	ECHA				
2	propan-2-ol		67-63-0		200-661-7	
log F	Pow			0.05		
Refe	erence temperature			25	°C	
Sou	rce	ECHA				

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	
PBT assessment	According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT.
vPvB assessment	According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be vPvB.

12.6 Other adverse effects

No data available.

12.7 Other information

Other information
Do not discharge into the drains or waters and do not store on public depositories.

SECTION 13: Disposal considerations

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13.1 Waste treatment methods

Product

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility. Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

Class 3
Classification code F1
Packing group III
Hazard identification no. 30
UN number UN2319

Proper shipping name TERPENE HYDROCARBONS, N.O.S.

Tunnel restriction code D/E Label 3

Environmentally hazardous Symbol "fish and tree"

substance mark

14.2 Transport IMDG

Class 3
Packing group III
UN number UN2319

Proper shipping name TERPENE HYDROCARBONS, N.O.S.

mS F-E, S-D

Marine Pollutant (according Orange, sweet, ext.

Index IMDG Code)

Label 3

Marine pollutant mark Symbol "fish and tree"

14.3 Transport ICAO-TI / IATA

Class 3
Packing group III
UN number UN2319

Proper shipping name Terpene hydrocarbons, n.o.s.

Label 3

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not relevant

SECTION 15: Regulatory information

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

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Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

The product is considered being subject to REACH regulation (EC) 1907/2006 annex

No 3, 40

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is subject to Part I of Annex I, risk category:

E2, P5c

If the properties of the substance/product give rise to more than one classification, for the purposes of 2012/18/UE, the lowest qualifying quantities set out in Part 1 and Part 2 of Annex I shall apply.

Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

Employment restrictions, according to the regulations for protection of expectant and nursing mothers and the youth health and safety regulations, serving to protect against hazardous materials, should be observed.

The surfactants contained in this product comply with the DetVO 648/2004/EC.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

EUH066 Repeated exposure may cause skin dryness or cracking.

H225 Highly flammable liquid and vapour.

H302 Harmful if swallowed.

H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Creation of the safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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