EU safety data sheet

Trade name: KRONES celerol LU 7610

Current version : 2.0.0, issued: 02.07.2020 **Replaced version:** 1.0.2, issued: 19.05.2020 **Region:** GB

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

1.1 Product identifier

Trade name

KRONES celerol LU 7610

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

Relevant identified uses of the substance or mixture
Lubricant

Uses advised against
No data available.

1.3 Details of the supplier of the safety data sheet

Address
KIC KRONES Internationale Cooperationsgesellschaft mbH
Böhmerwaldstraße 5
93073 Neutraubling

Telephone no. +49 9401 70-3020
Fax no. +49 9401 70-3696
e-mail kic@kic-krones.com

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)
In case of transport incidents and other emergencies:
+44 (0) 1235 239 670 (NCEC, National Chemical Emergency Centre)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification information
Classification and labelling with respect to corrosivity and irritation to skin are based on toxicological studies performed on the product (mixture).
Classification and labelling with respect to Serious eye damage/eye irritation are based on toxicological studies performed on the product (mixture).
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.
This product does not meet the classification criteria given in the Regulation (EC) No 1272/2008 (CLP).

2.2 Label elements

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

Hazard pictograms

-

Signal word
-

Hazard statement(s)
-

Hazard statements (EU)

EUH208 Contains Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts, Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts, Sulfonic acids, petroleum, calcium salts. May

produce an allergic reaction.
EUH210 Safety data sheet available on request.

Precautionary statement(s)
-

Labelling information
The labelling (EU hazard statements) meets the criteria of annex II of Directive (EC) Nr. 1272/2008 (CLP).

2.3 Other hazards

PBT assessment
The product is not considered to be a PBT.

vPvB assessment
The product is not considered to be a vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Chemical characterization
Mixture of mineral oils, calcium sulfonate thickener, additives and Teflon®.

Hazardous ingredients

No	Substance name		Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration	%
1	**Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts**			
	68584-23-6 271-529-4 - 01-2119492627-25	Skin Sens. 1B; H317	>= 5.00 - < 10.00	%-b.w.
2	**Calcium-dodecylbenzenesulphonate**			
	26264-06-2 247-557-8 - -	Eye Dam. 1; H318 Skin Irrit. 2; H315	< 5.00	%-b.w.
3	**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**			
	68411-46-1 270-128-1 - 01-2119491299-23	Aquatic Chronic 3; H412	< 2.50	%-b.w.
4	**Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts**			
	70024-69-0 274-263-7 - 01-2119492616-28	Skin Sens. 1B; H317	< 2.50	%-b.w.
5	**Sulfonic acids, petroleum, calcium salts**			
	61789-86-4 263-093-9 - 01-2119488992-18	Skin Sens. 1B; H317	< 2.50	%-b.w.

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

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
1	-	Skin Sens. 1B; H317: C >= 10%	-	-
4	-	Skin Sens. 1B; H317: C >= 10%	-	-
5	-	Skin Sens. 1B; H317: C >= 10%	-	-

SECTION 4: First aid measures

4.1 Description of first aid measures

General information
Remove contaminated clothing and shoes and launder thoroughly before reusing. In case of persisting adverse effects, consult a physician.

After inhalation
Ensure supply of fresh air. In case of persisting adverse effects consult a physician.

After skin contact
When in contact with the skin, clean 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). Begin with medical treatment.

After ingestion
Rinse mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed
No data available.

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
Extinguishing measures to suit surroundings. Carbon dioxide; Sand; Extinguishing powder; Foam

Unsuitable extinguishing media
Water

5.2 Special hazards arising from the substance or mixture
In the event of fire, the following can be released: Carbon monoxide and carbon dioxide; Toxic gases/vapours; fluorine compounds

5.3 Advice for firefighters
Use self-contained breathing apparatus. Wear protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel
Refer to protective measures listed in sections 7 and 8. High risk of slipping due to leakage/spillage of product.

For emergency responders
Personal protective equipment (PPE) - see section 8.

6.2 Environmental precautions
Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up
Take up mechanically. When collected, handle material as described under the section heading "Disposal considerations". Clean contaminated surfaces thoroughly.

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. Wash hands before breaks and after work. Do not inhale dust.

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.

Requirements for storage rooms and vessels
Containers which are opened must be carefully resealed 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

DNEL, DMEL and PNEC values

DNEL values (worker)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	**Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts**			**68584-23-6 271-529-4**	
	dermal	Long term (chronic)	systemic	3.33	mg/kg/day
	dermal	Long term (chronic)	local	1.03	mg/cm²
	inhalative	Long term (chronic)	systemic	11.75	mg/m³
2	**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**			**68411-46-1 270-128-1**	
	dermal	Long term (chronic)	systemic	0.62	mg/kg/day
	inhalative	Long term (chronic)	systemic	4.37	mg/m³
3	**Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts**			**70024-69-0 274-263-7**	
	dermal	Long term (chronic)	systemic	3.33	mg/kg/day
	dermal	Long term (chronic)	local	1.03	mg/cm²
	inhalative	Long term (chronic)	systemic	11.75	mg/m³
4	**Sulfonic acids, petroleum, calcium salts**			**61789-86-4 263-093-9**	
	dermal	Long term (chronic)	systemic	3.33	mg/kg/day
	dermal	Long term (chronic)	local	1.03	mg/cm²
	inhalative	Long term (chronic)	systemic	11.75	mg/m³

DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	**Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts**			**68584-23-6 271-529-4**	
	oral	Long term (chronic)	systemic	0.833	mg/kg/day
	dermal	Long term (chronic)	systemic	1.667	mg/kg/day
	dermal	Long term (chronic)	local	0.513	mg/cm²
	inhalative	Long term (chronic)	systemic	2.9	mg/m³
2	**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**			**68411-46-1 270-128-1**	

	oral	Long term (chronic)	systemic	0.31	mg/m³
	dermal	Long term (chronic)	systemic	0.31	mg/kg/day
	inhalative	Long term (chronic)	systemic	1.09	mg/m³
3	**Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts**			**70024-69-0 274-263-7**	
	oral	Long term (chronic)	systemic	0.833	mg/kg/day
	dermal	Long term (chronic)	systemic	1.667	mg/kg/day
	dermal	Long term (chronic)	local	0.513	mg/cm²
	inhalative	Long term (chronic)	systemic	2.9	mg/m³
4	**Sulfonic acids, petroleum, calcium salts**			**61789-86-4 263-093-9**	
	oral	Long term (chronic)	systemic	0.833	mg/kg/day
	dermal	Long term (chronic)	systemic	1.667	mg/kg/day
	dermal	Long term (chronic)	local	0.513	mg/cm²
	inhalative	Long term (chronic)	systemic	2.90	mg/m³

PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Type	Value	
1	**Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts**		**68584-23-6 271-529-4**	
	water	fresh water	1	mg/L
	water	marine water	1	mg/L
	water	Aqua intermittent	10	mg/L
	water	fresh water sediment	226000	g/kg
	water	marine water sediment	226000	g/kg
	soil	-	271000	g/kg
	sewage treatment plant	-	1000	mg/L
	secondary poisoning	-	16.667	mg/kg food
2	**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**		**68411-46-1 270-128-1**	
	water	fresh water	0.051	mg/L
	water	marine water	0.0051	mg/L
	water	Aqua intermittent	0.51	mg/L
	water	fresh water sediment	9320	mg/kg
	with reference to: dry weight			
	water	marine water sediment	932	mg/kg
	with reference to: dry weight			
	soil	-	1860	mg/kg
	with reference to: dry weight			
	sewage treatment plant	-	1	mg/L
3	**Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts**		**70024-69-0 274-263-7**	
	water	fresh water	1	mg/L
	water	marine water	1	mg/L
	water	Aqua intermittent	10	mg/L
	water	fresh water sediment	226000	g/kg
	water	marine water sediment	226000	g/kg
	soil	-	271000	g/kg
	sewage treatment plant	-	1000	mg/L
	secondary poisoning	-	16.667	mg/kg food
4	**Sulfonic acids, petroleum, calcium salts**		**61789-86-4 263-093-9**	
	water	fresh water	1.00	mg/L
	water	marine water	1.00	mg/L
	water	fresh water sediment	226000000	mg/kg
	with reference to: dry weight			
	water	marine water sediment	226000000	mg/kg
	with reference to: dry weight			
	soil	-	271000000	mg/kg

	with reference to: dry weight			
	sewage treatment plant	-	1000.00	mg/L
	secondary poisoning	-	16.667	mg/kg
	with reference to: food			

8.2 Exposure controls

Appropriate engineering controls
Ensure adequate ventilation, local exhaust at the work station if necessary.

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 dust formation, take appropriate measures for breathing protection in the event that workplace threshold values are not specified.

Eye / face protection
Safety glasses (EN 166)

Hand protection
In case of intensive contact, wear protective gloves (EN 374). Before use, the protective gloves should be tested in any case for its specific work-station 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	neoprene
Appropriate Material	nitrile
Appropriate Material	PVC

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
pasty
light brown

Odour
odourless

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			
Value	>	180	°C

Auto-ignition temperature	
Comments	Product is not selfigniting.

Oxidising properties
No data available

Explosive properties
The product does not have explosive properties.

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		
Value	0.97	g/cm³
Reference temperature	20	°C

Solubility in water	
Comments	insoluble

Solubility(ies)
No data available

Partition coefficient: n-octanol/water			
No	**Substance name**	**CAS no.**	**EC no.**
1	**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**	**68411-46-1**	**270-128-1**
log Pow	>	6	
Source	ECHA		
2	**Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts**	**70024-69-0**	**274-263-7**
log Pow	>	4.46	
Reference temperature		20	°C
Method	OECD 107		
Source	ECHA		

Viscosity		
Value	550	Pa*s
Type	dynamic	

9.2 Other information

Other information
No data available.

SECTION 10: Stability and reactivity

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
None, if handled according to intended use.

10.5 Incompatible materials
strong oxidizing agents

10.6 Hazardous decomposition products
No data available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity				
No	**Substance name**	**CAS no.**		**EC no.**
1	**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**	**68411-46-1**		**270-128-1**
LD50	>	5000		mg/kg bodyweight
Species	rat			
Method	OECD 401			
Source	ECHA			
2	**Sulfonic acids, petroleum, calcium salts**	**61789-86-4**		**263-093-9**
LD50	>	5000		mg/kg bodyweight
Species	rat			
Method	OECD 401			
Source	ECHA			

Acute dermal toxicity				
No	**Substance name**	**CAS no.**		**EC no.**
1	**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**	**68411-46-1**		**270-128-1**
LD50	>	2000		mg/kg bodyweight
Species	rat			
Method	OECD 402			
Source	ECHA			
2	**Sulfonic acids, petroleum, calcium salts**	**61789-86-4**		**263-093-9**
LD50	>	5000		mg/kg bodyweight
Species	rabbit			
Method	OECD 402			
Source	ECHA			

Acute inhalational toxicity
No data available

Skin corrosion/irritation	
No	**Product Name**
1	**KRONES celerol LU 7610**
Evaluation/classification	Based on available data, the classification criteria are not met.

Serious eye damage/irritation	
No	**Product Name**
1	**KRONES celerol LU 7610**
Comments	Analogous to product with a similar composition.
Evaluation	non-irritant

Respiratory or skin sensitisation			
No	**Substance name**	**CAS no.**	**EC no.**
1	**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**	**68411-46-1**	**270-128-1**
Route of exposure	Skin		
Species	guinea pig		
Method	OECD 406		
Source	ECHA		

Evaluation	non-sensitizing

2	**Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts**	**70024-69-0**	**274-263-7**

Route of exposure	Skin
Species	guinea pig
Method	Buehler
Source	ECHA
Evaluation	sensitizing

Germ cell mutagenicity			
No	**Substance name**	**CAS no.**	**EC no.**
1	**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**	**68411-46-1**	**270-128-1**

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

2	**Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts**	**70024-69-0**	**274-263-7**

Species	Salmonella typhimurium: TA 1535, TA 1537, TA 98, TA 100; Escherichia coli WP2 uvrA
Method	OECD 471
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.
Species	mouse
Method	OECD 474
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

Reproduction toxicity			
No	**Substance name**	**CAS no.**	**EC no.**
1	**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**	**68411-46-1**	**270-128-1**

Route of exposure	oral
Species	rat
Method	OECD 422
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

2	**Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts**	**70024-69-0**	**274-263-7**

Species	rat
Method	OECD 415
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

Carcinogenicity
No data available

STOT - single exposure
No data available

STOT - repeated exposure			
No	**Substance name**	**CAS no.**	**EC no.**
1	**Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts**	**70024-69-0**	**274-263-7**

Route of exposure	oral
Species	rat
Method	OECD 407
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.
Route of exposure	inhalational
Species	rat
Method	OECD 412
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.
Route of exposure	dermal

Method	OECD 410
Source	ECHA
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	**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**		**68411-46-1**		**270-128-1**
LC50		>	100	mg/l	
Duration of exposure			96	h	
Species		Danio rerio			
Method		OECD 203			
Source		ECHA			
2	**Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts**		**70024-69-0**		**274-263-7**
LL50		>	10000	mg/l	
Duration of exposure			96	h	
Species		Cyprinodon variegatus			
Method		OECD 203			
Source		ECHA			
3	**Sulfonic acids, petroleum, calcium salts**		**61789-86-4**		**263-093-9**
LC50		>	10000	mg/l	
Duration of exposure			96	h	
Species		Cyprinodon variegatus			
Method		OECD 203			
Source		ECHA			

Toxicity to fish (chronic)
No data available

Toxicity to Daphnia (acute)					
No	**Substance name**		**CAS no.**		**EC no.**
1	**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**		**68411-46-1**		**270-128-1**
EC50			51	mg/l	
Duration of exposure			48	h	
Species		Daphnia magna			
Method		OECD 202			
Source		ECHA			
2	**Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts**		**70024-69-0**		**274-263-7**
EC50		>	1000	mg/l	
Duration of exposure			48	h	
Species		Daphnia magna			
Method		EPA OTS 797.1300			
Source		ECHA			
3	**Sulfonic acids, petroleum, calcium salts**		**61789-86-4**		**263-093-9**
EC50		>	1000	mg/l	
Duration of exposure			48	h	
Species		Daphnia magna			
Method		EPA OTS 797.1300			
Source		ECHA			

Toxicity to Daphnia (chronic)
No data available

Toxicity to algae (acute)				
No	**Substance name**	**CAS no.**		**EC no.**
1	**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**	**68411-46-1**		**270-128-1**
EC50		>	100	mg/l
Duration of exposure			72	h
Species		Desmodesmus subspicatus		
Method		OECD 201		
Source		ECHA		
2	**Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts**	**70024-69-0**		**274-263-7**
EC50		>	1000	mg/l
Duration of exposure			72	h
Species		Pseudokirchneriella subcapitata		
Method		EPA OTS 797.1050		
Source		ECHA		
3	**Sulfonic acids, petroleum, calcium salts**	**61789-86-4**		**263-093-9**
EC50		>	1000	mg/l
Duration of exposure			72	h
Species		Pseudokirchneriella subcapitata		
Method		EPA OTS 797.1050		
Source		ECHA		

Toxicity to algae (chronic)
No data available

Bacteria toxicity				
No	**Substance name**	**CAS no.**		**EC no.**
1	**Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts**	**70024-69-0**		**274-263-7**
EC50		>	10000	
Species		activated sludge		
Method		OECD 209		
Source		ECHA		

12.2 Persistence and degradability

Biodegradability				
No	**Substance name**	**CAS no.**		**EC no.**
1	**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**	**68411-46-1**		**270-128-1**
Type		aerobic biodegradation		
Value			1	%
Duration			28	day(s)
Method		OECD 301 B		
Source		ECHA		
Evaluation		not readily biodegradable		
2	**Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts**	**70024-69-0**		**274-263-7**
Type		aerobic biodegradation		
Value			8	%
Duration			28	day(s)
Method		OECD 301 D		
Source		ECHA		
Evaluation		not readily biodegradable		
3	**Sulfonic acids, petroleum, calcium salts**	**61789-86-4**		**263-093-9**
Type		aerobic biodegradation		
Value			8.6	%
Duration			28	day(s)
Method		OECD 301 D		
Source		ECHA		
Evaluation		not readily biodegradable		

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water				
No	**Substance name**	**CAS no.**		**EC no.**
1	**Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**	**68411-46-1**		**270-128-1**
log Pow	>	6		
Source	ECHA			
2	**Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts**	**70024-69-0**		**274-263-7**
log Pow	>	4.46		
Reference temperature		20	°C	
Method	OECD 107			
Source	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	The product is not considered to be a PBT.
vPvB assessment	The product is not considered to be a vPvB.

12.6 Other adverse effects

No data available.

12.7 Other information

Other information
Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

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

The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

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

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

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances
This product is not subject to Part 1 or 2 of Annex I.

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

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

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H412	Harmful to aquatic life with long lasting effects.

Department issuing 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.

Alterations/supplements:
Alterations to the previous edition are marked in the left-hand margin.

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