

Trade name: Armaflex 750

Current version: 1.1.0. issued: 07.12.2021 Replaced version: 1.0.0, issued: 24.11.2021 Region: GB

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

Product identifier

Trade name

Armaflex 750

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

Relevant identified uses of the substance or mixture

Adhesives

For industrial and professional use only

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

Armacell GmbH

Robert-Bosch-Straße 10 48153 Münster

Telephone no. +49 (0) 251 - 7603-200 +49 (0) 251 - 7603-561 Fax no. e-mail info.de@armacell.com

Information provided by / telephone

Dr. Heribert Quante, Tel.: +49 (0) 251 - 7603-227

Advice on Safety Data Sheet

heribert.quante@armacell.com

1.4 **Emergency telephone number**

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

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Aquatic Chronic 2; H411 Eye Irrit. 2; H319 Flam. Liq. 2; H225 Skin Irrit. 2; H315 STOT SE 3; H336

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) nº 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





Signal word

Danger

Hazardous component(s) to be indicated on label: acetone

cyclohexane

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

butanone

Hazard statement(s)

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation. H319 Causes serious eye irritation.



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H336 May cause drowsiness or dizziness.
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.

P233 Keep container tightly closed.
P261 Avoid breathing mist/vapours/spray.
P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection.

P370+P378 In case of fire: Use water spray, extinguishing powder, foam or CO2 to extinguish.

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

Hazardous ingredients

No	Substance name		Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration	%
1	acetone			
	67-64-1	Flam. Liq. 2; H225	20.00 - 25.0	0 wt%
	200-662-2	Eye Irrit. 2; H319		
	606-001-00-8	STOT SE 3; H336		
	01-2119471330-49	EUH066		
2	cyclohexane			
	110-82-7	Aquatic Acute 1; H400	10.00 - 20.0	0 wt%
	203-806-2	Aquatic Chronic 1; H410		
	601-017-00-1	Asp. Tox. 1; H304		
	01-2119463273-41	Flam. Liq. 2; H225		
		Skin Irrit. 2; H315		
		STOT SE 3; H336		
3	Hydrocarbons, C7, r	n-alkanes, isoalkanes, cyclics		
	-	Aquatic Chronic 2; H411	10.00 - 20.0	0 wt%
	927-510-4	Asp. Tox. 1; H304		
	-	Flam. Liq. 2; H225		
	01-2119475515-33	Skin Irrit. 2; H315		
		STOT SE 3; H336		
4	butanone			
	78-93-3	Flam. Liq. 2; H225	1.00 - 10.0	0 wt%
	201-159-0	Eye Irrit. 2; H319		
	606-002-00-3	STOT SE 3; H336		
	01-2119457290-43	EUH066		
5	ethyl-acetate		pls. refer to footnote (1)	
	141-78-6	EUH066	1.00 - 10.0	0 wt%
	205-500-4	Flam. Liq. 2; H225		
	607-022-00-5	STOT SE 3; H336		
	01-2119475103-46	Eye Irrit. 2; H319		

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.

After inhalation

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air. If unconscious place in recovery position and seek medical advice.

After skin contact

When in contact with the skin, clean with soap and water. Do NOT use solvents or thinners. Get medical attention if pain still persists.

⁽¹⁾ Aberrant from/in addition to the classification set out in Annex VI, this substance is classified according to European Regulation (EC) No 1272/2008 (CLP), Article 4 (3), paragraph 2.

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After eve 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 medical attention if pain still persists.

After ingestion

Rinse the mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

Eye irritation; Skin irritation; Drowsiness

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

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

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

Vapours can form a highly flammable mixture with air. In the event of fire, the following can be released: Carbon oxides (COx)

5.3 Advice for firefighters

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

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. 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. Provide eye wash fountain in work area. Have emergency shower available.

Advice on protection against fire and explosion

Keep away from ignition sources and provide for good ventilation. 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. The heavy vapours can overcome a considerable distance upto the source of ignition.

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.



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Recommended storage temperature

/alue 5 - 25 °C

Storage stability

Value 18 months

Comments In sealed original container.

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	acetone	67-64-1		200-662-2	
	2000/39/EC				
	Acetone				
	WEL long-term (8-hr TWA reference period)	1210	mg/m³	500	ppm
	List of approved workplace exposure limits (WELs) / EH40				
	Acetone				
	WEL short-term (15 min reference period)	3620	mg/m³	1500	ppm
	WEL long-term (8-hr TWA reference period)	1210	mg/m³	500	ppm
2	cyclohexane	110-82-7		203-806-2	
	2006/15/EC				
	Cyclohexane				
	WEL long-term (8-hr TWA reference period)	700	mg/m³	200	ppm
	List of approved workplace exposure limits (WELs) / EH40				
	Cyclohexane				
	WEL short-term (15 min reference period)	1050	mg/m³	300	ppm
	WEL long-term (8-hr TWA reference period)	350	mg/m³	100	ppm
3	butanone	78-93-3		201-159-0	
	2000/39/EC				
	Butanone				
	WEL short-term (15 min reference period)	900	mg/m³	300	ppm
	WEL long-term (8-hr TWA reference period)	600	mg/m³	200	ppm
	List of approved workplace exposure limits (WELs) / EH40				
	Butan-2-one				
	WEL short-term (15 min reference period)	899	mg/m³	300	ppm
	WEL long-term (8-hr TWA reference period)	600	mg/m³	200	ppm
	Comments	Sk, BMGV			
4	ethyl-acetate	141-78-6		205-500-4	
	2017/164/EU				
	Ethyl acetate				
	WEL short-term (15 min reference period)	1468	mg/m³	400	ppm
	WEL long-term (8-hr TWA reference period)	734	mg/m³	200	ppm
	List of approved workplace exposure limits (WELs) / EH40				
	Ethyl acetate				
	WEL short-term (15 min reference period)	1		400	ppm
	WEL long-term (8-hr TWA reference period)			200	ppm

DNEL, DMEL and PNEC values

DNEL values (worker)

No	Substance name	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value		
1	acetone			67-64-1		
				200-662-2		
	dermal	Long term (chronic)	systemic	186	mg/kg/day	
	inhalative	Short term (acut)	local	2420	mg/m³	
	inhalative	Short term (acut)	systemic	1210	mg/m³	
2	cyclohexane			110-82-7		



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			203-806-2	
inhalative	Short term (acut)	systemic	700	mg/m³
Hydrocarbons, C	7, n-alkanes, isoalkanes, cyclics		- 927-510-4	-
dermal	Long term (chronic)	systemic	300	mg/kg/day
inhalative	Long term (chronic)	systemic	2085	mg/m³
butanone			78-93-3 201-159-0	-
dermal	Long term (chronic)	systemic	1161	mg/kg/day
inhalative	Long term (chronic)	systemic	600.00	mg/m³
ethyl-acetate			141-78-6 205-500-4	_
dermal	Long term (chronic)	systemic	63	mg/kg/day
inhalative	Short term (acut)	systemic	1468	mg/m³
inhalative	Long term (chronic)	local	734	mg/m³
inhalative	Short term (acut)	local	1468	mg/m³
inhalative	Long term (chronic)	systemic	734	mg/m³

DNEL value (consumer)

No	Substance name			CAS / EC	no
	Route of exposure	Exposure time	Effect	Value	
1	acetone			67-64-1	
				200-662-2	
	oral	Long term (chronic)	systemic	62	mg/kg/day
	dermal	Long term (chronic)	systemic	62	mg/kg/day
	inhalative	Long term (chronic)	systemic	200	mg/m³
2	cyclohexane			110-82-7 203-806-2	
	dermal	Long term (chronic)	systemic	2016	mg/kg
	inhalative	Short term (acut)	local	700	mg/m³
	inhalative	Long term (chronic)	systemic	700	mg/m³
	inhalative	Long term (chronic)	local	700	mg/m³
,	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics			-	
				927-510-4	
	oral	Long term (chronic)	systemic	149	mg/kg/day
	dermal	Long term (chronic)	systemic	149	mg/kg/day
	inhalative	Long term (chronic)	systemic	447	mg/m³
ļ	butanone			78-93-3 201-159-0	
	oral	Long term (chronic)	systemic	31	mg/kg/day
	dermal	Long term (chronic)	systemic	412	mg/kg/day
	inhalative	Long term (chronic)	systemic	106	mg/m³
5	ethyl-acetate			141-78-6 205-500-4	
	oral	Long term (chronic)	systemic	4.5	mg/kg/day
	dermal	Long term (chronic)	systemic	37	mg/kg/day
	inhalative	Short term (acut)	systemic	734	mg/m³
	inhalative	Long term (chronic)	local	367	mg/m³
	inhalative	Short term (acut)	local	734	mg/m³
	inhalative	Long term (chronic)	systemic	367	mg/m³

PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Туре	Value	
1	acetone		67-64-1 200-662-2	
	water	fresh water	10.6	mg/L
	water	Aqua intermittent	21	mg/L
	water	marine water	1.06	mg/L
	water	fresh water sediment	30.4	mg/kg
	water	marine water sediment	3.04	mg/kg
	soil	-	29.5	mg/kg
	sewage treatment plant	-	100	mg/L
2	cyclohexane		110-82-7 203-806-2	
	water	fresh water	0.207	mg/L
	water	marine water	0.207	mg/L
	water	fresh water sediment	3.267	mg/kg
	water	marine water sediment	3.267	mg/kg



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	soil	-	2.99	mg/kg
3	butanone		78-93-3	
			201-159-0	
	water	fresh water	55.8	mg/L
	water	marine water	55.8	mg/L
	water	Aqua intermittent	55.8	mg/L
	water	fresh water sediment	284.74	mg/kg
	with reference to: dry weight			
	water	marine water sediment	284.7	mg/kg
	with reference to: dry weight			
	soil	-	22.5	mg/kg
	with reference to: dry weight			
	sewage treatment plant	-	709	mg/L
	secondary poisoning	-	1000	mg/kg
	with reference to: food			
4	ethyl-acetate		141-78-6	
			205-500-4	
	water	fresh water	0.24	mg/L
	water	Aqua intermittent	1.65	mg/L
	water	marine water	0.024	mg/L
	water	fresh water sediment	1.15	mg/kg
	water	marine water sediment	0.115	mg/kg
	soil	-	0.148	mg/kg
	sewage treatment plant	-	650	mg/L
	secondary poisoning	-	200	mg/kg 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.

Eye / face protection

Safety glasses with side protection shield (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 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.

Other

Chemical-resistant work clothes. Protective shoes.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State of aggregation					
liquid					
Form/Colour					
amber					
Odour					
of organic solvents					
pH value					
No data available					
Boiling point / boiling range					
Value	56 °C				
value					



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No data available Flash point Value -12 °C	
1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 =	
Source supplier	
Ignition temperature	
No data available	
Flammability	
No data available	
Lower explosion limit	
No data available	
Upper explosion limit	
No data available	
Vapour pressure	
Value 153 kPa	
Relative vapour density	
No data available	
Relative density	
Value 0.85 - 0.89	
Source supplier	
Density	
No data available	
Solubility	
No data available	
Partition coefficient n-octanol/water (log value)	
No Substance name CAS no.	EC no.
1 acetone 67-64-1	200-662-2
log Pow -0.23	
Method QSAR	
Source ECHA 2 butanone 78-93-3	201-159-0
2 butanone	201-159-0
Reference temperature 40	°C
Method OECD 117	-
Source ECHA	
3 ethyl-acetate 141-78-6	205-500-4
log Pow 0.68 Reference temperature 25	°C
with reference to pH 7	- C

Viscosity No data available

OPPTS 830.7560

ECHA

Particle characteristics No data available

9.2 Other information

Other information	
No data available.	

SECTION 10: Stability and reactivity

10.1 Reactivity

Method Source

Dangerous reactions are not expected if the product is handled according to its intended use.

10.2 Chemical stability

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

10.3 Possibility of hazardous reactions

At high temperatures can occur pyrolysis and dehydrogenation

10.4 Conditions to avoid

Heat, naked flames and other ignition sources. High temperatures.



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10.5 Incompatible materials

Acids; Bases; Oxidizing agents

10.6 Hazardous decomposition products

None if stored, handled and transported properly. In case of fire: see section 5.

SECTION 11: Toxicological information

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

Acut	e oral toxicity				
No	Substance name		CAS no.		EC no.
1	acetone		67-64-1		200-662-2
LD50				5800	mg/kg bodyweight
Spec	ies	rat			
Sour	ce	ECHA			
Evalu	ation/classification	Based on availa	ible data, the clas	sification criter	a are not met.
2	cyclohexane		110-82-7		203-806-2
LD50		>		5000	mg/kg bodyweight
Spec	ies	rat			
Meth	od	OECD 401			
Source	ce	ECHA			
Evalu	ation/classification	Based on availa	ible data, the clas	sification criter	a are not met.
3	Hydrocarbons, C7, n-alkanes, isoalkanes, cycli	cs	-		927-510-4
LD50		>		5840	mg/kg bodyweight
Spec	ies	rat			
Sour	ce	ECHA			
4	butanone		78-93-3		201-159-0
LD50				2054	mg/kg bodyweight
Spec	ies	rat			
Meth	od	OECD 423			
Source	ce	ECHA / Read a	cross		

Acut	e dermal toxicity				
No	Substance name		CAS no.		EC no.
1	acetone		67-64-1		200-662-2
LD50		>		15800	mg/kg bodyweight
Species		rabbit			
Sour	ce	ECHA			
Evalu	uation/classification	Based	on available data,	the classification criteri	a are not met.
2	cyclohexane		110-82-7	1	203-806-2
LD50		>		2000	mg/kg bodyweight
Spec	ies	rabbit			
Meth	od	OECD	402		
Sour	ce	ECHA			
Evalu	uation/classification	Based on available data, the classification criteria are not met.			
3	Hydrocarbons, C7, n-alkanes, isoalkanes, cycli	cs	-		927-510-4
LD50		>	2800	- 3100	mg/kg bodyweight
Spec	ies	rat			
Sour	ce	ECHA			
4	ethyl-acetate		141-78-6		205-500-4
LD50		>		20000	mg/kg bodyweight
Spec	ies	rabbit			
Sour	ce	ECHA			

Acut	e inhalational toxicity				
No	Substance name	CAS no.		EC no.	
1	acetone	67-64-1		200-662-2	
LC50			76	mg/l	
Dura	ion of exposure		4	h	
State	of aggregation	Vapour			
Species		rat			
Sour	ce	ECHA			
Evaluation/classification		Based on available data, the	classification crite	ria are not met.	
2	cyclohexane	110-82-7		203-806-2	
LC50		>	19.07	mg/l	
Dura	ion of exposure		4	h	
State	of aggregation	Dust/mist			
Spec	ies	rat			
Sour	ce	ECHA			



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Evalu	uation/classification	Based on availa	able data, the classification crite	eria are not met.
3	Hydrocarbons, C7, n-alkanes, isoalkanes, cycl	ics		927-510-4
LC50		>	23.3	mg/l
	tion of exposure		4	h
State	of aggregation	Vapour		
Spec	ies	rat		
Meth	od	OECD 403		
Sour	ce	ECHA		
Skin	corrosion/irritation			
No	Substance name		CAS no.	EC no.
1			67-64-1	200-662-2
	acetone	auinee nia	67-04-1	200-662-2
Spec		guinea pig ECHA		
	ce uation	non-irritant		
	uation/classification		able data, the classification crite	eria are not met
	Hydrocarbons, C7, n-alkanes, isoalkanes, cycl		-	927-510-4
Spec		rabbit	-	927-310-4
Meth		OECD 404		
Sour		ECHA		
	uation	irritant		
3	butanone	1 armant	78-93-3	201-159-0
-	tion of exposure		4	h
Spec		rabbit	4	
Meth		OECD 404		
Sour		ECHA / Read a	cross	
	uation	non-irritant	0.033	
		non intant		
	ous eye damage/irritation			
No	Substance name		CAS no.	EC no.
1	acetone		67-64-1	200-662-2
Spec		rabbit		
Meth		OECD 405		
Sour		ECHA		
	uation	irritant		
	uation/classification		able data, the classification crit	
2	Hydrocarbons, C7, n-alkanes, isoalkanes, cycl		•	927-510-4
Spec	ies	rabbit		
Sour	ce	ECHA		
Sour Evalu	ce uation	ECHA non-irritant		
Soure Evalu	ce uation butanone	non-irritant	78-93-3	201-159-0
Source Evaluation	ce uation butanone ies	non-irritant rabbit	78-93-3	201-159-0
Source Evaluation Speciments	ce uation butanone ies od	rabbit OECD 405	78-93-3	201-159-0
Source Evaluation Speciments Meth Source	ce pation butanone ies od ce	rabbit OECD 405 ECHA	78-93-3	201-159-0
Source Evaluation Special Meth Source Evaluation	ce pation butanone ies od ce pation	rabbit OECD 405		
Source Evaluation Source Evaluation	ce pation butanone ies od ce pation ethyl-acetate	rabbit OECD 405 ECHA irritant	78-93-3 141-78-6	201-159-0 205-500-4
Source Evaluation Source Evaluation Specific Spe	ce pation butanone ies od ce pation ethyl-acetate ies	rabbit OECD 405 ECHA irritant		
Source Evaluation Source Evaluation Special Methods Special Me	ce pation butanone ies od ce pation ethyl-acetate ies od	rabbit OECD 405 ECHA irritant		
Source Evaluation Source Evaluation Methodological Special Methodological Special Methodological Source Source Evaluation Methodological Source Evaluation Methodologica Source Evaluation Methodologica Source Evaluation Methodologic	ce pation butanone ies od ce pation ethyl-acetate ies od ce	rabbit OECD 405 ECHA irritant rabbit OECD 405 ECHA ECHA OECD 405 ECHA		
Source Evaluation Source Evaluation Methodological Special Methodological Special Methodological Source Source Evaluation Methodological Source Evaluation Methodologica Source Evaluation Methodologica Source Evaluation Methodologic	ce pation butanone ies od ce pation ethyl-acetate ies od	rabbit OECD 405 ECHA irritant		
Source Evaluation Source Evalu	ce pation butanone ies od ce pation ethyl-acetate ies od ce pation	rabbit OECD 405 ECHA irritant rabbit OECD 405 ECHA ECHA OECD 405 ECHA		
Source Evaluation Source Evaluation Source Evaluation Source Evaluation Source Evaluation Respectively.	butanone ies od ce uation butanone ies od ce uation ethyl-acetate ies od ce uation ce uation biratory or skin sensitisation	rabbit OECD 405 ECHA irritant rabbit OECD 405 ECHA ECHA OECD 405 ECHA	141-78-6	205-500-4
Source Evaluation Source Evaluation Source Evaluation Source Evaluation Source Evaluation Respectively.	ce pation butanone ies od ce pation ethyl-acetate ies od ce pation	rabbit OECD 405 ECHA irritant rabbit OECD 405 ECHA ECHA OECD 405 ECHA		
Source Evaluation Source Evaluation Source Evaluation Source Evaluation Source Evaluation Responses No. 1	butanone ies od ce uation bttanone ies od ce uation ethyl-acetate ies od ce uation biratory or skin sensitisation Substance name	rabbit OECD 405 ECHA irritant rabbit OECD 405 ECHA ECHA OECD 405 ECHA	141-78-6 CAS no.	205-500-4 EC no.
Source Evaluation Source Evaluation Source Evaluation Source Evaluation Source Evaluation Responsible Responsible Route	butanone ies od ce pation ethyl-acetate ies od ce pation ethyl-acetate ies od ce pation biratory or skin sensitisation Substance name acetone e of exposure	rabbit OECD 405 ECHA irritant rabbit OECD 405 ECHA irritant rabbit OECD 405 ECHA non-irritant	141-78-6 CAS no.	205-500-4 EC no.
Source Evaluation Source Evaluation Source Evaluation Source Evaluation Source Evaluation Responses No. 1	butanone ies od ce uation ethyl-acetate ies od ce uation ethyl-acetate ies od ce uation Substance name acetone e of exposure ies	rabbit OECD 405 ECHA irritant rabbit OECD 405 ECHA oECD 405 ECHA ono-irritant	141-78-6 CAS no.	205-500-4 EC no.
Source Evaluation Specific No. 1 Route Specific Specific No. 1 Route Specific Specif	butanone ies od ce uation ethyl-acetate ies od ce uation ethyl-acetate ies od ce uation Substance name acetone e of exposure ies	rabbit OECD 405 ECHA irritant rabbit OECD 405 ECHA oECD 405 ECHA onon-irritant Skin guinea pig	141-78-6 CAS no.	205-500-4 EC no.
Sourre Evaluation Sourre Evalu	butanone ies od ce uation ethyl-acetate ies od ce uation ethyl-acetate ies od ce uation Substance name acetone e of exposure ies ce	rabbit OECD 405 ECHA irritant rabbit OECD 405 ECHA non-irritant Skin guinea pig ECHA non-sensitizing	141-78-6 CAS no.	205-500-4 EC no. 200-662-2
Sourre Evaluation Sourre Evalu	butanone ies od ce uation ethyl-acetate ies od ce uation or siratory or skin sensitisation Substance name acetone e of exposure ies ce uation	rabbit OECD 405 ECHA irritant rabbit OECD 405 ECHA coech 405 ECHA non-irritant Skin guinea pig ECHA non-sensitizing Based on availa	141-78-6 CAS no. 67-64-1	205-500-4 EC no. 200-662-2
Sourie Evaluation Sourie Evaluation Sourie Evaluation Sourie Evaluation Sourie Evaluation Specific Souries Sourie	butanone ies od ce uation ethyl-acetate ies od ce uation ethyl-acetate ies od ce uation biratory or skin sensitisation Substance name acetone e of exposure ies ce uation uation/classification	rabbit OECD 405 ECHA irritant rabbit OECD 405 ECHA coech 405 ECHA non-irritant Skin guinea pig ECHA non-sensitizing Based on availa	141-78-6 CAS no. 67-64-1	205-500-4 EC no. 200-662-2 eria are not met.
Sourie Evaluation Sourie Evaluation Sourie Evaluation Sourie Evaluation Sourie Evaluation Specific Souries Sourie	butanone ies od ce uation butanone ies od ce uation ethyl-acetate ies od ce uation biratory or skin sensitisation Substance name acetone e of exposure ies ce uation Litylorocarbons, C7, n-alkanes, isoalkanes, cycle e of exposure	rabbit OECD 405 ECHA irritant rabbit OECD 405 ECHA condition OECD 405 ECHA non-irritant Skin guinea pig ECHA non-sensitizing Based on availa ics Skin	141-78-6 CAS no. 67-64-1	205-500-4 EC no. 200-662-2 eria are not met.
Sourie Evaluation Sourie Evalu	butanone ies od ce uation butanone ies od ce uation ethyl-acetate ies od ce uation biratory or skin sensitisation Substance name acetone e of exposure ies ce uation Hydrocarbons, C7, n-alkanes, isoalkanes, cycle of exposure ies e of exposure	rabbit OECD 405 ECHA irritant rabbit OECD 405 ECHA con-irritant Skin guinea pig ECHA non-sensitizing Based on availations	141-78-6 CAS no. 67-64-1	205-500-4 EC no. 200-662-2 eria are not met.
Sourie Evaluation Sourie Evalu	butanone ies od ce uation butanone ies od ce uation ethyl-acetate ies od ce uation biratory or skin sensitisation Substance name acetone e of exposure ies ce uation Hydrocarbons, C7, n-alkanes, isoalkanes, cycle of exposure ies od	rabbit OECD 405 ECHA irritant rabbit OECD 405 ECHA coech 405 ECHA non-irritant Skin guinea pig ECHA non-sensitizing Based on availation ics Skin guinea pig	141-78-6 CAS no. 67-64-1	205-500-4 EC no. 200-662-2 eria are not met.
Sourie Evaluation Special Sourie Evaluation Sourie Evaluation Sourie Evaluation Special Sourie Evaluation Special Sourie Evaluation Special Sourie Evaluation Special Special Sourie Special Sourie Special Sourie Special Sourie Evaluation Special Special Sourie Evaluation Special Sourie Special Sourie Evaluation Special Souries Special Specia	butanone ies od ce uation butanone ies od ce uation ethyl-acetate ies od ce uation biratory or skin sensitisation Substance name acetone e of exposure ies ce uation Hydrocarbons, C7, n-alkanes, isoalkanes, cycle of exposure ies od	rabbit OECD 405 ECHA irritant rabbit OECD 405 ECHA irritant Skin guinea pig ECHA non-sensitizing Based on availa ics Skin guinea pig OECD 406	141-78-6 CAS no. 67-64-1	205-500-4 EC no. 200-662-2 eria are not met.
Sourie Evaluation Special Sourie Evaluation Sourie Evaluation Sourie Evaluation Special Sourie Evaluation Special Sourie Evaluation Special Sourie Evaluation Special Special Sourie Special Sourie Special Sourie Special Sourie Evaluation Special Special Sourie Evaluation Special Sourie Special Sourie Evaluation Special Souries Special Specia	butanone ies od ce pation ethyl-acetate ies od ce pation ethyl-acetate ies od ce pation biratory or skin sensitisation Substance name acetone e of exposure ies ce pation Hydrocarbons, C7, n-alkanes, isoalkanes, cycle e of exposure ies od ce of exposure	rabbit OECD 405 ECHA irritant rabbit OECD 405 ECHA irritant Second 405 ECHA non-irritant Skin guinea pig ECHA non-sensitizing Based on availa ics Skin guinea pig OECD 406 ECHA	141-78-6 CAS no. 67-64-1	205-500-4 EC no. 200-662-2 eria are not met.
Sour Evalu 4 Spec Meth Sour Evalu 7 Spec Meth Sour Evalu 8 Resp No 1 Route Evalu 2 Route Spec Sour Evalu 5 Spec Sour Evalu 6 Spec Sour Evalu 7 Spec Sour Evalu 8 Spec Sour Evalu 8 Spec Sour Evalu 9 Spec Sour Evalu 1 Spec Sour Evalu 1 Spec Sour Evalu 2 Spec Sour Evalu 3	butanone ies od ce pation ethyl-acetate ies od ce pation ethyl-acetate ies od ce pation biratory or skin sensitisation Substance name acetone e of exposure ies ce pation Hydrocarbons, C7, n-alkanes, isoalkanes, cycle e of exposure ies od ce pation	rabbit OECD 405 ECHA irritant rabbit OECD 405 ECHA irritant Second 405 ECHA non-irritant Skin guinea pig ECHA non-sensitizing Based on availa ics Skin guinea pig OECD 406 ECHA	CAS no. 67-64-1 able data, the classification crite	EC no. 200-662-2 eria are not met. 927-510-4
Sour Evalu 4 Spec Meth Sour Evalu 7 Spec Meth Sour Evalu 8 Resp No 1 Route Evalu 2 Route Spec Sour Evalu 5 Spec Sour Evalu 6 Spec Sour Evalu 7 Spec Sour Evalu 8 Spec Sour Evalu 8 Spec Sour Evalu 9 Spec Sour Evalu 1 Spec Sour Evalu 1 Spec Sour Evalu 2 Spec Sour Evalu 3	butanone ies od ce juation butanone ies od ce juation ethyl-acetate ies od ce juation od ce juation	rabbit OECD 405 ECHA irritant rabbit OECD 405 ECHA irritant rabbit OECD 405 ECHA non-irritant Skin guinea pig ECHA non-sensitizing Based on availa ics Skin guinea pig OECD 406 ECHA non-sensitizing	CAS no. 67-64-1 able data, the classification crite	EC no. 200-662-2 eria are not met. 927-510-4
Sourie Evaluation Special Methodological Methodolog	butanone ies od ce cation butanone ies od ce cation ethyl-acetate ies od ce cation biratory or skin sensitisation Substance name acetone e of exposure ies ce cation Hydrocarbons, C7, n-alkanes, isoalkanes, cycl e of exposure ies od ce cation butanone e of exposure	rabbit OECD 405 ECHA irritant rabbit OECD 405 ECHA irritant rabbit OECD 405 ECHA non-irritant Skin guinea pig ECHA non-sensitizing Based on availa ics Skin guinea pig OECD 406 ECHA non-sensitizing	CAS no. 67-64-1 able data, the classification crite	EC no. 200-662-2 eria are not met. 927-510-4
Sourie Evaluation Specific Sourie Evaluation Specific Sourie Evaluation Specific Sourie Evaluation Specific Specific Sourie Evaluation Specific Spe	butanone ies od ce cation butanone ies od ce cation ethyl-acetate ies od ce cation biratory or skin sensitisation Substance name acetone e of exposure ies ce cation Hydrocarbons, C7, n-alkanes, isoalkanes, cycle e of exposure ies od ce cation butanone e of exposure ies od ce cation butanone e of exposure ies od coe cation	rabbit OECD 405 ECHA irritant rabbit OECD 405 ECHA irritant rabbit OECD 405 ECHA non-irritant Skin guinea pig ECHA non-sensitizing Based on availa ics Skin guinea pig OECD 406 ECHA non-sensitizing	CAS no. 67-64-1 able data, the classification crite	EC no. 200-662-2 eria are not met. 927-510-4
Sourie Evaluation of the sourie Evaluation of	butanone ies od ce cation butanone ies od ce cation ethyl-acetate ies od ce cation biratory or skin sensitisation Substance name acetone e of exposure ies ce cation Hydrocarbons, C7, n-alkanes, isoalkanes, cycle e of exposure ies od ce cation butanone e of exposure ies od ce cation butanone e of exposure ies od coe cation	rabbit OECD 405 ECHA irritant rabbit OECD 405 ECHA irritant rabbit OECD 405 ECHA non-irritant Skin guinea pig ECHA non-sensitizing Based on availa ics Skin guinea pig OECD 406 ECHA non-sensitizing Skin guinea pig OECD 406	CAS no. 67-64-1 able data, the classification crite	EC no. 200-662-2 eria are not met. 927-510-4



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4 ethyl-acetate	141-78-6 205-500-4
Route of exposure	Skin
Species	guinea pig
Method	OECD 406
Source	ECHA
Evaluation	non-sensitizing

CAS no. EC no.	
Type of examination Species Salmonella typhimurium OECD 471 Source Evaluation/classification Type of examination Species Method Source Evaluation/classification Type of examination Species Method Source Evaluation/classification Type of examination Species Species Species Species Superior Source Evaluation/classification Type of examination Source Evaluation/classification Type of examination Species Mouse lymphoma cells Mouse lymphoma cells Method OECD 476	
Species Method Source Evaluation/classification Type of examination Method Source Evaluation/classification Type of examination Species Method Source Evaluation/classification Method Source Evaluation/classification Type of examination Species Method Source Evaluation/classification Type of examination Species Mouse lymphoma cells Method OECD 476 Salmonella typhimurium OECD 471 ECHA Based on available data, the classification criteria are not met. in vitro gene mutation study in mammalian cells Mouse lymphoma cells OECD 476	
Method Source Evaluation/classification Type of examination Species Method Source Evaluation/classification Type of examination Species Method Source Evaluation/classification Type of examination Source Evaluation/classification Type of examination Species Method Source Evaluation/classification Type of examination Species Method Source Evaluation/classification Species Mouse lymphoma cells Mouse lymphoma cells OECD 476	
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Evaluation/classification Type of examination Species Method Source Evaluation/classification Evaluation/classification Source Evaluation/classification Type of examination Source Evaluation/classification Type of examination Species Method Speci	
Type of examination Species Chinese hamster Ovary (CHO) Method Source Evaluation/classification Type of examination Species Method Species Method Species Method In vitro Mammalian Chromosomal Aberration Test Chinese hamster Ovary (CHO) OECD 473 ECHA Based on available data, the classification criteria are not met. in vitro gene mutation study in mammalian cells Mouse lymphoma cells Method OECD 476	
Species Method Source Evaluation/classification Type of examination Species Method Species Method Chinese hamster Ovary (CHO) OECD 473 ECHA Based on available data, the classification criteria are not met. in vitro gene mutation study in mammalian cells Mouse lymphoma cells Method OECD 476	
Method Source Evaluation/classification Type of examination Species Method OECD 473 ECHA Based on available data, the classification criteria are not met. in vitro gene mutation study in mammalian cells Mouse lymphoma cells OECD 476	
Source ECHA Evaluation/classification Type of examination Species Method ECHA Based on available data, the classification criteria are not met. in vitro gene mutation study in mammalian cells Mouse lymphoma cells OECD 476	
Evaluation/classification Type of examination Species Method Based on available data, the classification criteria are not met. in vitro gene mutation study in mammalian cells Mouse lymphoma cells OECD 476	
Type of examination in vitro gene mutation study in mammalian cells Species Mouse lymphoma cells Method OECD 476	
Species Mouse lymphoma cells Method OECD 476	
Method OECD 476	
Source	
December / classification and the second control of the second con	
Evaluation/classification Based on available data, the classification criteria are not met.	
2 butanone 78-93-3 201-159-0	
Type of examination in vitro gene mutation study in bacteria Species Salmonella typhimurium	
Method OECD 471	
Source ECHA	
Evaluation/classification Based on available data, the classification criteria are not met.	
Type of examination In vitro Mammalian Chromosomal Aberration Test	
Species rat	
Method OECD 473	
Source ECHA	
Evaluation/classification Based on available data, the classification criteria are not met.	
Type of examination In vitro mammalian cell gene mutation test	
Species Mouse lymphoma cells	
Method OECD 476	
Source ECHA	
Evaluation/classification Based on available data, the classification criteria are not met.	
Type of examination In vivo mammalian somatic cell study: cytogenicity / erythrocyte micronuc	eus
Species mouse	
Method OECD 474	
Source ECHA	
Evaluation/classification Based on available data, the classification criteria are not met.	
3 ethyl-acetate 141-78-6 205-500-4	
Type of examination in vitro gene mutation study in bacteria	
Species Salmonella typhimurium	
Method OECD 471	
Source ECHA	
Evaluation/classification Based on available data, the classification criteria are not met.	
Type of examination In vitro mammalian cytogenicity	
Species Chinese hamster Ovary (CHO)	
Method OECD 473	
Source ECHA	
Evaluation/classification Based on available data, the classification criteria are not met.	
Route of exposure oral	
Type of examination In vivo mammalian somatic cell study: cytogenicity / erythrocyte micronuc	eus
Species Chinese hamster V79 cells	
Method OECD 474	
Source ECHA	
Evaluation/classification Based on available data, the classification criteria are not met.	

Repr	oduction toxicity		
No	Substance name	CAS no.	EC no.
1	acetone	67-64-1	200-662-2
Route of exposure		inhalational	
NOAEC		2200	ppm
Type of examination		Prenatal Developmental Toxicity Study	
Spec	ies	rat	



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Method Source	OECD 414 ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2 butanone	78-93-3 201-159-0		
Route of exposure	inhalational		
Type of examination	Prenatal Developmental Toxicity Study		
Species	rat		
Method	OECD 414		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Carc	Carcinogenicity Carcinogenic Carcinogenic Carcinogenic Carcinogenic Carcinogenic Carcinogenic Carcinogenic Carc					
No	Substance name	CAS no.	EC no.			
1	acetone	67-64-1	200-662-2			
Rout	e of exposure	dermal				
Type	of examination	Toxicity study				
Spec	cies	mouse				
Source		ECHA				
Evaluation/classification		Based on available data, the classification criteria are not met.				
2	butanone	78-93-3	201-159-0			
Sour	ce	ECHA				
Evaluation/classification		Based on available data, the classification c	riteria are not met.			
3	ethyl-acetate	141-78-6	205-500-4			
Sour	ce	ECHA				
Evaluation/classification		Based on available data, the classification criteria are not met.				

STOT - single exposure No data available

STOT - repeated exposure				
No Substance name	CAS no. EC no.			
1 acetone	67-64-1 200-662-2			
Route of exposure	oral			
NOAEL	10000 ppm			
Species	rat			
Method	OECD 408			
Source	ECHA			
Evaluation/classification	Based on available data, the classification criteria are not met.			
Route of exposure	inhalational			
NOAEC	19000 ppm			
Species	rat			
Source	ECHA			
Evaluation/classification	Based on available data, the classification criteria are not met.			
2 butanone	78-93-3 201-159-0			
Route of exposure	inhalational			
Species	rat			
Method	OECD 413			
Source	ECHA			
Evaluation/classification	Based on available data, the classification criteria are not met.			
3 ethyl-acetate	141-78-6 205-500-4			
Route of exposure	oral			
Species	rat			
Method	EPA OTS 795.2600			
Source	ECHA			
Evaluation/classification	Based on available data, the classification criteria are not met.			
Route of exposure	inhalational			
Species	rat			
Method	EPA OTS 798.2450			
Source	ECHA			
Evaluation/classification	Based on available data, the classification criteria are not met.			

Aspiration hazard	
No data available	

11.2 Information on other hazards

Endocrine disrupting properties

No data available.

Other information

No data available.



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SECTION 12: Ecological information

12.1 Toxicity

Toxic	city to fish (acute)		
No	Substance name	CAS no.	EC no.
1	acetone	67-64-1	200-662-2
LC50		5540	mg/l
Durat	tion of exposure	96	h
Spec		Oncorhynchus mykiss	
Source	-	ECHA	
	ation/classification	Based on available data, the classificatio	
2	cyclohexane	110-82-7	203-806-2
LC50		4.53	mg/l
	tion of exposure	96	h
Spec		Pimephales promelas	
Metho		OECD 203	
Source		ECHA	
3	Hydrocarbons, C7, n-alkanes, isoalkanes, cycli		927-510-4
LL50		> 13.4	mg/l
	tion of exposure	96	h
Spec		Oncorhynchus mykiss	
Metho		OECD 203	
Source		ECHA	
4	butanone	78-93-3	201-159-0
LC50		2993	mg/l
	tion of exposure	96	h
Spec		Pimephales promelas	
Metho		OECD 203	
Source		ECHA	
5	ethyl-acetate	141-78-6	205-500-4
LC50		220	mg/l
	tion of exposure	96	h
Spec		Pimephales promelas	
Sourc	ce	ECHA	

Toxicity to fish (chronic) No data available

Toxic	Toxicity to Daphnia (acute)					
No	Substance name		CAS no.		EC no.	
1	acetone		67-64-1		200-662-2	
EC50)			8800	mg/l	
Dura	tion of exposure			48	h	
Spec		Daphnia pulex				
Sour		ECHA				
Evalu	uation/classification	Based on availal	ble data, the class	sification criteri	a are not met.	
2	cyclohexane		110-82-7		203-806-2	
EC50)			0.9	mg/l	
	tion of exposure			48	h	
Spec		Daphnia magna				
Meth		OECD 202				
Sour		ECHA				
3	Hydrocarbons, C7, n-alkanes, isoalkanes, cycli	cs	•		927-510-4	
EC50				3	mg/l	
	tion of exposure			48	h	
Spec		Daphnia magna				
Meth		OECD 202				
Sour		ECHA				
4	butanone		78-93-3		201-159-0	
EC50				308	mg/l	
	tion of exposure			48	h	
Spec		Daphnia magna				
Meth		OECD 202				
Sour	ce	ECHA				

Toxicity to Dap	hnia (chroni	C)
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No data available

Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.
1	cyclohexane	110-82-7	203-806-2



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ErC50	>	4.425	mg/l
Duration of exposure		72	h
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECHA		
Evaluation/classification	Based on available data, the class	sification criteria	a are not met.
2 Hydrocarbons, C7, n-alkanes, isoalkanes, cycli	cs -		927-510-4
EL50	10 -	30	mg/l
Duration of exposure		72	h
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECHA		
3 butanone	78-93-3		201-159-0
EC50		2029	mg/l
Duration of exposure		96	h
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECHA		

Toxic	Toxicity to algae (chronic)			
No	Substance name	CAS no.		EC no.
1	cyclohexane	110-82-7		203-806-2
NOE	C		0.9	mg/l
Dura	tion of exposure		72	h
Species		Pseudokirchneriella subcapitata		
Method		OECD 201		
Source		ECHA		

Bacteria toxicity
No data available

12.2 Persistence and degradability

Biod	Biodegradability			
No	Substance name	CAS no.		EC no.
1	acetone	67-64-1		200-662-2
Type		aerobic biodegradation		
Value	=		90.9	%
Dura			28	day(s)
Meth		OECD 301 B		
Sour		ECHA		
	uation	readily biodegradable		
2	Hydrocarbons, C7, n-alkanes, isoalkanes, cycli			927-510-4
Type		aerobic biodegradation		
Value			83	%
Dura			28	day(s)
Meth	·	OECD 301 F		
Sour	rce	ECHA		
	uation	readily biodegradable		
3	butanone	78-93-3		201-159-0
Type		aerobic biodegradation		
Value			98	%
Dura			28	day(s)
Meth	·	OECD 301 D		
Sour	ce	ECHA		
	uation	readily biodegradable		
4	ethyl-acetate	141-78-6		205-500-4
Type		aerobic biodegradation		
Value			69	%
Dura	ation		20	d
Sour	rce	ECHA		
Eval	uation	readily biodegradable		

12.3 Bioaccumulative potential

Parti	Partition coefficient n-octanol/water (log value)		
No	Substance name	CAS no.	EC no.
1	acetone	67-64-1	200-662-2
log P	ow		-0.23
Meth	od	QSAR	
Sour	ce	ECHA	
2	butanone	78-93-3	201-159-0



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log Pow Reference temperature		0.3 40	°C	
Method	OECD 117			
Source	ECHA			
3 ethyl-acetate	141-78-6		205-500-4	
log Pow		0.68		
Reference temperature		25	°C	
with reference to	pH 7			
Method	OPPTS 830.7560			

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 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 Other information

Other information

Do not discharge product unmonitored into the environment.

Do not discharge into drains or waters and do not dispose of in public landfills.

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

Residues 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 F1 Classification code П Packing group Hazard identification no. 33 UN number UN1133 Proper shipping name **ADHESIVES** Special Provision 640 640C Tunnel restriction code D/E Label

Environmentally hazardous Symbol "fish and tree"

substance mark

14.2 Transport IMDG

 Class
 3

 Packing group
 II

 UN number
 UN1133

 Proper shipping name
 ADHESIVES

 EmS
 F-E, S-D

 Label
 3

Marine pollutant mark Symbol "fish and tree"

14.3 Transport ICAO-TI / IATA

Class 3
Packing group II
UN number UN1133
Proper shipping name Adhesives



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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

To be transported always in closed, upright and safe containers. Make sure that persons handling these containers are aware of the rules of conduct in case of incident or spillage.

14.7 Maritime transport in bulk according to IMO instruments

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.

Reg	gulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET			
AND	ND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES			
The	The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII. No 3, 40			
The	The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.			
No	Substance name	CAS no.	EC no.	No
1	cvclohexane	110-82-7	203-800	5-2 57

	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, P5b		E2, P5b
	If the properties of the substance/product give rise to more than one classification, for the purposes of 201	2/18/UE, the lowest qualifying
	guantities set out in Part 1 and Part 2 of Annex I shall apply.	

4		
Directive 2010/75/EU on industrial emissions (integrated pollution prevention and control)		
VOC content	76.2 %	

VOC-value	662.94 g/l
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.

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.

H304 May be fatal if swallowed and enters airways.

H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

Creation of the safety data sheet

UMCO GmbH - D-21107 Hamburg, Georg-Wilhelm-Strasse 187, Tel.: +49(40)555 546 300, Fax: +49(40)555 546 357, e-mail: umco@umco.de

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.

Trade name: Armaflex 750

Current version: 1.1.0, issued: 07.12.2021 Replaced version: 1.0.0, issued: 24.11.2021 Region: GB

Alterations/supplements:

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

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