



Safety Data Sheet according to (EC) No 1907/2006 as amended

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LOCTITE STYCAST ANTIFOAM 88 known as ANTIFOAM 88 100 G

SDS No. : 377052
V006.0

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

1.1. Product identifier

LOCTITE STYCAST ANTIFOAM 88 known as ANTIFOAM 88 100 G

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

Intended use:
Sample only.

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

Intended use:
Defoamer

1.3. Details of the supplier of the safety data sheet

Henkel Ltd
Adhesives
Wood Lane End
HP2 4RQ Hemel Hempstead

Great Britain

Phone: +44 (1442) 278000

Fax-no.: +44 (1442) 278071

ua-productsafety.uk@henkel.com

For Safety Data Sheet updates please visit our website <https://mysds.henkel.com/index.html#appSelection> or www.henkel-adhesives.com.

1.4. Emergency telephone number

24 Hours Emergency Tel: +44 (0)1442 278497

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (CLP):

Flammable liquids Category 3

H226 Flammable liquid and vapor.

Aspiration hazard Category 1

H304 May be fatal if swallowed and enters airways.

2.2. Label elements

Label elements (CLP):

Hazard pictogram: 

Contains Alkanes, C11-15-iso-

Signal word: **Danger**

Hazard statement: **H226 Flammable liquid and vapor.**
H304 May be fatal if swallowed and enters airways.

Supplemental information **EUH066 Repeated exposure may cause skin dryness or cracking.**
Contains: Ethyl propenoate; 2-ethylhexyl acrylate **May produce an allergic reaction.**

Precautionary statement: Prevention **P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.**

Precautionary statement: Response **P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.**
P331 Do NOT induce vomiting.

2.3. Other hazards

None if used properly.

Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Declaration of the ingredients according to CLP (EC) No 1272/2008:

Hazardous components CAS-No.	EC Number REACH-Reg No.	content	Classification
Alkanes, C11-15-iso- 90622-58-5	292-460-6	50- 100 %	Asp. Tox. 1 H304
Ethyl propenoate 140-88-5	205-438-8 01-2119459301-46	0,1- < 1 %	Acute Tox. 4; Dermal H312 Acute Tox. 4; Oral H302 Eye Irrit. 2 H319 STOT SE 3 H335 Skin Sens. 1 H317 Skin Irrit. 2 H315 Aquatic Chronic 3 H412 Flam. Liq. 2 H225 Acute Tox. 3; Inhalation H331
2-ethylhexyl acrylate 103-11-7	203-080-7 01-2119453158-37	0,1- < 1 %	Skin Irrit. 2 H315 Skin Sens. 1 H317 STOT SE 3 H335 Aquatic Chronic 3 H412

For full text of the H - statements and other abbreviations see section 16 "Other information".

Substances without classification may have community workplace exposure limits available.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

Move to fresh air. If symptoms persist, seek medical advice.

Skin contact:

Rinse with running water and soap.

Obtain medical attention if irritation persists.

Eye contact:

Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Ingestion:

Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

After ingestion or vomit: danger of product entering the lung.

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

ASPIRATION: Coughing, shortness of breath, nausea. Delayed effect: bronchopneumonia or pulmonary oedema

Prolonged or repeated contact may cause skin irritation.

Prolonged or repeated contact may cause eye irritation.

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

Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary oedema.

Do not induce vomiting.

Seek medical attention from a specialist.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

water, carbon dioxide, foam, powder

Extinguishing media which must not be used for safety reasons:

High pressure waterjet

5.2. Special hazards arising from the substance or mixture

In the event of a fire, carbon monoxide (CO), carbon dioxide (CO₂) and nitrogen oxides (NO_x) can be released.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Additional information:

In case of fire, keep containers cool with water spray.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.

Wear protective equipment.

Ensure adequate ventilation.

Keep away from sources of ignition.

6.2. Environmental precautions

Do not empty into drains / surface water / ground water.

6.3. Methods and material for containment and cleaning up

Dispose of contaminated material as waste according to Section 13.

For small spills wipe up with paper towel and place in container for disposal.

For large spills absorb onto inert absorbent material and place in sealed container for disposal.

6.4. Reference to other sections

See advice in section 8

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Avoid skin and eye contact.

See advice in section 8

Hygiene measures:

Wash hands before work breaks and after finishing work.

Do not eat, drink or smoke while working.

Good industrial hygiene practices should be observed.

7.2. Conditions for safe storage, including any incompatibilities

Ensure good ventilation/extraction.

Keep container tightly sealed.

Store at room temperature.

7.3. Specific end use(s)

Sample only.

Defoamer

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits

Valid for
Great Britain

Ingredient [Regulated substance]	ppm	mg/m ³	Value type	Short term exposure limit category / Remarks	Regulatory list
Ethyl acrylate 140-88-5 [ETHYL ACRYLATE]	5	21	Time Weighted Average (TWA):		EH40 WEL
Ethyl acrylate 140-88-5 [ETHYLACRYLATE]	5	21	Time Weighted Average (TWA):	Indicative	ECTLV
Ethyl acrylate 140-88-5 [ETHYLACRYLATE]	10	42	Short Term Exposure Limit (STEL):	Indicative	ECTLV
Ethyl acrylate 140-88-5 [ETHYL ACRYLATE]	10	42	Short Term Exposure Limit (STEL):	15 minutes	EH40 WEL

Occupational Exposure Limits

Valid for
Ireland

Ingredient [Regulated substance]	ppm	mg/m ³	Value type	Short term exposure limit category / Remarks	Regulatory list
Ethyl acrylate 140-88-5 [ETHYL ACRYLATE]	5	20	Time Weighted Average (TWA):	Indicative OELV	IR_OEL
Ethyl acrylate 140-88-5 [ETHYL ACRYLATE]			Skin designation:	Can be absorbed through the skin.	IR_OEL
Ethyl acrylate 140-88-5 [ETHYLACRYLATE]	5	21	Time Weighted Average (TWA):	Indicative	ECTLV
Ethyl acrylate 140-88-5 [ETHYLACRYLATE]	10	42	Short Term Exposure Limit (STEL):	Indicative	ECTLV
Ethyl acrylate 140-88-5 [ETHYL ACRYLATE]	10	41	Short Term Exposure Limit (STEL):	15 minutes Indicative OELV	IR_OEL

Predicted No-Effect Concentration (PNEC):

Name on list	Environmental Compartment	Exposure period	Value				Remarks
			mg/l	ppm	mg/kg	others	
Ethyl propenoate 140-88-5	aqua (freshwater)		0,00272 mg/l				
Ethyl propenoate 140-88-5	aqua (marine water)		0,000272 mg/l				
Ethyl propenoate 140-88-5	aqua (intermittent releases)		0,011 mg/l				
Ethyl propenoate 140-88-5	sewage treatment plant (STP)		10 mg/l				
Ethyl propenoate 140-88-5	sediment (freshwater)				0,0213 mg/kg		
Ethyl propenoate 140-88-5	sediment (marine water)				0,0213 mg/kg		
Ethyl propenoate 140-88-5	Soil				1 mg/kg		
Ethyl propenoate 140-88-5	oral				10 mg/kg		
2-Ethylhexyl acrylate 103-11-7	aqua (freshwater)		0,00272 mg/l				
2-Ethylhexyl acrylate 103-11-7	aqua (marine water)		0,00027 mg/l				
2-Ethylhexyl acrylate 103-11-7	aqua (intermittent releases)		0,011 mg/l				
2-Ethylhexyl acrylate 103-11-7	sewage treatment plant (STP)		2,3 mg/l				
2-Ethylhexyl acrylate 103-11-7	sediment (freshwater)				0,126 mg/kg		
2-Ethylhexyl acrylate 103-11-7	Soil				1 mg/kg		
2-Ethylhexyl acrylate 103-11-7	sediment (marine water)				0,0126 mg/kg		

Derived No-Effect Level (DNEL):

Name on list	Application Area	Route of Exposure	Health Effect	Exposure Time	Value	Remarks
Ethyl propenoate 140-88-5	Workers	inhalation	Long term exposure - local effects		21 mg/m ³	
Ethyl propenoate 140-88-5	Workers	dermal	Acute/short term exposure - local effects		0,92 mg/cm ²	
Ethyl propenoate 140-88-5	General population	inhalation	Long term exposure - local effects		2,5 mg/m ³	
Ethyl propenoate 140-88-5	General population	dermal	Acute/short term exposure - local effects		0,92 mg/cm ²	
2-Ethylhexyl acrylate 103-11-7	Workers	Inhalation	Long term exposure - local effects		37,5 mg/m ³	
2-Ethylhexyl acrylate 103-11-7	Workers	dermal	Acute/short term exposure - local effects		0,242 mg/cm ²	
2-Ethylhexyl acrylate 103-11-7	General population	Inhalation	Long term exposure - local effects		4,5 mg/m ³	
2-Ethylhexyl acrylate 103-11-7	General population	dermal	Acute/short term exposure - local effects		0,242 mg/cm ²	

Biological Exposure Indices:

None

8.2. Exposure controls:

Engineering controls:

Ensure good ventilation/extraction.

Ensure good ventilation/extraction.

Respiratory protection:

Ensure adequate ventilation.

An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area

Filter type: A (EN 14387)

Hand protection:

Chemical-resistant protective gloves (EN 374).

Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374):

nitrile rubber (NBR; \geq 0.4 mm thickness)

Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374):

nitrile rubber (NBR; \geq 0.4 mm thickness)

This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection:

Safety glasses with sideshields or chemical safety goggles should be worn if there is a risk of splashing.

Protective eye equipment should conform to EN166.

Skin protection:

Wear suitable protective clothing.

Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

Advices to personal protection equipment:

The information provided on personal protective equipment is for guidance purposes only. A full risk assessment should be conducted prior to using this product to determine the appropriate personal protective equipment to suit local conditions.

Personal protective equipment should conform to the relevant EN standard.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Appearance	Liquid yellow
Odor	mild
Odour threshold	No data available / Not applicable
pH	No data available / Not applicable
Melting point	No data available / Not applicable
Solidification temperature	No data available / Not applicable
Initial boiling point	No data available / Not applicable
Flash point	59 °C (138.2 °F)
Evaporation rate	No data available / Not applicable
Flammability	No data available / Not applicable
Explosive limits	No data available / Not applicable
Vapour pressure	Not applicable
Relative vapour density:	No data available / Not applicable
Density	0,85 g/cm ³
()	
Bulk density	No data available / Not applicable
Solubility	No data available / Not applicable
Solubility (qualitative)	No data available / Not applicable

Partition coefficient: n-octanol/water	No data available / Not applicable
Auto-ignition temperature	No data available / Not applicable
Decomposition temperature	No data available / Not applicable
Viscosity	No data available / Not applicable
Viscosity (kinematic)	No data available / Not applicable
Explosive properties	No data available / Not applicable
Oxidising properties	No data available / Not applicable

9.2. Other information

No data available / Not applicable

SECTION 10: Stability and reactivity**10.1. Reactivity**

Reacts with strong oxidants.

Acids.

Reducing agents.

Strong bases.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

See section reactivity

10.4. Conditions to avoid

Stable under normal conditions of storage and use.

10.5. Incompatible materials

See section reactivity.

10.6. Hazardous decomposition products

carbon oxides.

Hydrocarbons

nitrogen oxides

Rapid polymerisation may generate excessive heat and pressure.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity:**

May cause irritation to the digestive tract.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Alkanes, C11-15-iso- 90622-58-5	LD50	> 5.000 mg/kg	rat	equivalent or similar to OECD Guideline 401 (Acute Oral Toxicity)
Ethyl propenoate 140-88-5	LD50	1.120 mg/kg	rat	not specified
2-ethylhexyl acrylate 103-11-7	LD50	4.435 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)

Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Alkanes, C11-15-iso- 90622-58-5	LD50	> 5.000 mg/kg	rabbit	equivalent or similar to OECD Guideline 402 (Acute Dermal Toxicity)
2-ethylhexyl acrylate 103-11-7	LD50	7.522 mg/kg	rabbit	not specified

Acute inhalative toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Test atmosphere	Exposure time	Species	Method
Alkanes, C11-15-iso-90622-58-5	LC50	> 6,100 mg/l	vapour	4 h	rat	equivalent or similar to OECD Guideline 403 (Acute Inhalation Toxicity)
Ethyl propenoate 140-88-5	LC50	4,1 - 8,2 mg/l	vapour	4 h	rat	not specified
Ethyl propenoate 140-88-5	Acute toxicity estimate (ATE)	4,1 mg/l				Expert judgement

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Alkanes, C11-15-iso-90622-58-5	not irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Ethyl propenoate 140-88-5	irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
2-ethylhexyl acrylate 103-11-7	irritating	20 h	rabbit	not specified

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Alkanes, C11-15-iso-90622-58-5	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
2-ethylhexyl acrylate 103-11-7	not irritating	9 d	rabbit	not specified

Respiratory or skin sensitization:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Test type	Species	Method
Alkanes, C11-15-iso-90622-58-5	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)
Ethyl propenoate 140-88-5	sensitising	Mouse local lymphnode assay (LLNA)	mouse	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)
2-ethylhexyl acrylate 103-11-7	sensitising	Mouse local lymphnode assay (LLNA)	mouse	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study/ Route of administration	Metabolic activation/ Exposure time	Species	Method
Alkanes, C11-15-iso-90622-58-5	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Alkanes, C11-15-iso-90622-58-5	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Alkanes, C11-15-iso-90622-58-5	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Alkanes, C11-15-iso-90622-58-5	negative	sister chromatid exchange assay in mammalian cells	with and without		OECD Guideline 479 (Genetic Toxicology: In Vitro Sister Chromatid Exchange Assay in Mammalian Cells)
Ethyl propenoate 140-88-5	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
2-ethylhexyl acrylate 103-11-7	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		Ames Test
Alkanes, C11-15-iso-90622-58-5	negative			rat	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
Alkanes, C11-15-iso-90622-58-5	negative			mouse	OECD Guideline 478 (Genetic Toxicology: Rodent Dominant Lethal Test)
Ethyl propenoate 140-88-5	negative	intraperitoneal		mouse	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
2-ethylhexyl acrylate 103-11-7	negative	oral: gavage		rat	OECD Guideline 486 (Unscheduled DNA Synthesis (UDS) Test with Mammalian Liver Cells in vivo)

Carcinogenicity

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Sex	Method
Ethyl propenoate 140-88-5		inhalation: vapour	3, 6, 12, 18 or 27 months 6 hours/day; 5 days/week	rat	male/female	OECD Guideline 453 (Combined Chronic Toxicity/ Carcinogenicity Studies)
2-ethylhexyl acrylate 103-11-7	not carcinogenic	dermal	24 m The animals were treated th...	mouse	male	not specified

Reproductive toxicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Test type	Route of application	Species	Method
Alkanes, C11-15-iso-90622-58-5	NOAEL P >= 1.720 mg/kg NOAEL F1 >= 1.720 mg/kg	screening	inhalation	rat	OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test)

STOT-single exposure:

No data available.

STOT-repeated exposure::

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
Alkanes, C11-15-iso- 90622-58-5	NOAEL >= 3.000 mg/kg	oral: unspecified	90 d	rat	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
Alkanes, C11-15-iso- 90622-58-5	NOAEL >= 1.000 mg/kg	oral: unspecified		rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Ethyl propenoate 140-88-5	NOAEL 55 mg/kg	oral: gavage	13 weeks 5 days/week	rat	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
2-ethylhexyl acrylate 103-11-7		inhalation: vapour	90 d 6 h/day; 5 days/week	rat	OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day)

Aspiration hazard:

May be fatal if swallowed and enters airways.

Hazardous substances CAS-No.	Viscosity (kinematic) Value	Temperature	Method	Remarks
2-ethylhexyl acrylate 103-11-7	1,19 mm ² /s	40 °C	OECD Test Guideline 114	

SECTION 12: Ecological information**General ecological information:**

Do not empty into drains / surface water / ground water.

The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation (EC) No 1272/2008. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

12.1. Toxicity**Toxicity (Fish):**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Alkanes, C11-15-iso-90622-58-5	LC50	> 100 mg/l	96 h	not specified	OECD Guideline 203 (Fish, Acute Toxicity Test)
Ethyl propenoate 140-88-5	LC50	1,81 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
2-ethylhexyl acrylate 103-11-7	LC50	1,81 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Ethyl propenoate 140-88-5	EC50	8,74 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
2-ethylhexyl acrylate 103-11-7	EC50	1,3 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Alkanes, C11-15-iso-90622-58-5	NOEC	> 1 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)
Ethyl propenoate 140-88-5	NOEC	0,19 mg/l	21 d	Daphnia magna	EPA OTS 797.1330 (Daphnid Chronic Toxicity Test)
2-ethylhexyl acrylate 103-11-7	NOEC	0,19 mg/l	21 d	Daphnia magna	EPA OTS 797.1330 (Daphnid Chronic Toxicity Test)

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Ethyl propenoate 140-88-5	NOEC	0,82 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Ethyl propenoate 140-88-5	EC50	5,28 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
2-ethylhexyl acrylate 103-11-7	NOEC	0,45 mg/l	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)
2-ethylhexyl acrylate 103-11-7	EC50	1,71 mg/l	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
2-ethylhexyl acrylate 103-11-7	EC10	> 1 mg/l	16 h		not specified

12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Alkanes, C11-15-iso- 90622-58-5	not readily biodegradable.	aerobic	> 7 - 10 %	28 d	EU Method C.4-E (Determination of the "Ready" Biodegradability Closed Bottle Test)
Ethyl propenoate 140-88-5	readily biodegradable	aerobic	80 - 90 %	28 d	OECD Guideline 310 (Ready Biodegradability CO2 in Sealed Vessels (Headspace Test))
2-ethylhexyl acrylate 103-11-7	readily biodegradable	aerobic	70 - 80 %	15 d	EU Method C.4-D (Determination of the "Ready" Biodegradability Manometric Respirometry Test)

12.3. Bioaccumulative potential

No substance data available.

No data available.

12.4. Mobility in soil

Hazardous substances CAS-No.	LogPow	Temperature	Method
Alkanes, C11-15-iso-90622-58-5	> 6		not specified
Ethyl propenoate 140-88-5	1,18	25 °C	OECD Guideline 107 (Partition Coefficient (n-octanol/ water), Shake Flask Method)
2-ethylhexyl acrylate 103-11-7	4,64	25 °C	OECD Guideline 107 (Partition Coefficient (n-octanol/ water), Shake Flask Method)

12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT/ vPvB
Alkanes, C11-15-iso-90622-58-5	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Ethyl propenoate 140-88-5	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
2-ethylhexyl acrylate 103-11-7	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:

Do not empty into drains / surface water / ground water.

Dispose of in accordance with local and national regulations.

Disposal of uncleaned packages:

After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.

After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.

Waste code

08 04 09* waste adhesives and sealants containing organic solvents and other dangerous substances

The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors. The EWC codes listed are intended as a recommendation for users. We will be happy to advise you.

Waste code

08 04 09* waste adhesives and sealants containing organic solvents and other dangerous substances

The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors. The EWC codes listed are intended as a recommendation for users. We will be happy to advise you.

SECTION 14: Transport information

14.1. UN number

ADR	1866
RID	1866
ADN	1866
IMDG	1866
IATA	1866

14.2. UN proper shipping name

ADR	RESIN SOLUTION
RID	RESIN SOLUTION
ADN	RESIN SOLUTION
IMDG	RESIN SOLUTION
IATA	Resin solution

14.3. Transport hazard class(es)

ADR	3
RID	3
ADN	3
IMDG	3
IATA	3

14.4. Packing group

ADR	III
RID	III
ADN	III
IMDG	III
IATA	III

14.5. Environmental hazards

ADR	not applicable
RID	not applicable
ADN	not applicable
IMDG	not applicable
IATA	not applicable

14.6. Special precautions for user

ADR	not applicable Tunnelcode: (D/E)
RID	not applicable
ADN	not applicable
IMDG	not applicable
IATA	not applicable

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

not applicable

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

EU. Chemicals Subject to PIC Procedure: Regulation 649/2012/EU on export and import of dangerous chemicals, as amended No information available

EU. Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex I, Controlled Substances No information available

EU. Directive 2003/15/EC, Allergenic substances which must be labelled on packaging of detergents and cosmetics No information available

EU. REACH, Annex XVII, Marketing and Use Restrictions (Regulation 1907/2006/EC):

Contains: No information available

VOC content < 3 %
(2010/75/EC)

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

- H225 Highly flammable liquid and vapor.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H331 Toxic if inhaled.
- H335 May cause respiratory irritation.
- H412 Harmful to aquatic life with long lasting effects.

Further information:

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This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

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