

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

Page 1 of 14

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Category 3

LOCTITE LB 8150 known as Loctite 8150 500g EGFD

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

1.1. Product identifier

LOCTITELB 8150 known as Loctite 8150 500g EGFD

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

Intended use: Lubricant

1.3. Details of the supplier of the safety data sheet

Henkel Ltd Adhesives Wood Lane End

HP24RQ 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):

Chronic hazards to the aquatic environment

H412 Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements (CLP):

Hazard statement: H412 Harmful to aquatic life with long lasting effects.

Precautionary statement: P2

Prevention

P273 Avoid release to the environment.

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

General chemical description:

Lubricant

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

Hazardous components CAS-No.	EC Number REACH-Reg No.	content	Classification
Ethyl 3-[[bis(1- methylethoxy)phosphinothioyl]thio]propion ate	275-965-6	2,5- < 10 %	Aquatic Chronic 2 H411
71735-74-5			
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatic	918-481-9 01-2119457273-39	1- < 2,5 %	Asp. Tox. 1 H304
Hydrocarbons, C9, aromatics 64742-95-6	265-199-0 01-2119455851-35	1- < 2,5 %	Flam. Liq. 3
2-(2-Heptadec-8-enyl-2-imidazolin-1- yl)ethanol 95-38-5	202-414-9 01-2119777867-13	0,0025-< 0,025 % (25 ppm- < 250 ppm)	Acute Tox. 4; Oral H302 Skin Corr. 1C H314 Eye Dam. 1 H318 ST OT RE 2 H373 Aquatic Acute 1 H400 Aquatic Chronic 1 H410 M factor (Acute Aquat Tox): 10

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.

Seek medical advice.

Eye contact:

Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion:

Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting.

Seek medical advice.

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

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

See section: Description of first aid measures

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Carbon dioxide, foam, powder

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 (NOx) 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.

Ensure adequate ventilation.

Wear protective equipment.

6.2. Environmental precautions

Do not let product enter drains.

6.3. Methods and material for containment and cleaning up

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.

Dispose of contaminated material as waste according to Section 13.

6.4. Reference to other sections

See advice in section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep away from sources of ignition - no smoking.

Vapours should be extracted to avoid inhalation.

Avoid skin and eye contact.

See advice in section 8

Hy giene 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.

Store in a cool, dry place.

Do not store near sources of heat or ignition, or reactive materials.

Refer to Technical Data Sheet

7.3. Specific enduse(s)

Lubricant

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits

Valid for

Great Britain

None

Occupational Exposure Limits

Valid for

Ireland

None

Predicted No-Effect Concentration (PNEC):

Name on list	En vironmental Ex Compartment pe	Value			Remarks	
		mg/l	ppm	mg/kg	others	
2-(2-Heptadec-8-enyl-2-imidazolin-1-yl)ethanol 95-38-5	aqua (freshwater)	0,03 µg/l				
2-(2-Heptadec-8-enyl-2-imidazolin-1-yl)ethanol 95-38-5	aqua (marine water)	0,003 µg/l				
2-(2-Heptadec-8-enyl-2-imidazolin-1-yl)ethanol 95-38-5	aqua (intermittent releases)	0,3 μg/l				
2-(2-Heptadec-8-enyl-2-imidazolin-1-yl)ethanol 95-38-5	sewage treatment plant (STP)	0,27 mg/l				
2-(2-Heptadec-8-enyl-2-imidazolin-1-yl)ethanol 95-38-5	sediment (freshwater)			0,376 mg/kg		
2-(2-Heptadec-8-enyl-2-imidazolin-1-yl)ethanol 95-38-5	aqua (marine water)			0,0376 mg/kg		
2-(2-Heptadec-8-enyl-2-imidazolin-1-yl)ethanol 95-38-5	Soil			0,075 mg/kg		

Derived No-Effect Level (DNEL):

Name on list	Application Area	Route of Exposure	Health Effect	Exposure Time	Value	Remarks
Hydrocarbons, C9, aromatics 64742-95-6	Workers	dermal	Long term exposure - systemic effects		25 mg/kg	
Hydrocarbons, C9, aromatics 64742-95-6	Workers	inhalation	Long term exposure - systemic effects		150 mg/m3	
Hydrocarbons, C9, aromatics 64742-95-6	General population	dermal	Long term exposure - systemic effects		11 mg/kg	
Hydrocarbons, C9, aromatics 64742-95-6	General population	inhalation	Long term exposure - systemic effects		32 mg/m3	
Hydrocarbons, C9, aromatics 64742-95-6	General population	oral	Long term exposure - systemic effects		11 mg/kg	
2-(2-Heptadec-8-enyl-2-imidazolin-1-yl)ethanol 95-38-5	Workers	dermal	Acute/short term exposure - systemic effects		2 mg/kg	
2-(2-Heptadec-8-enyl-2-imidazolin-1-yl)ethanol 95-38-5	Workers	Inhalation	Acute/short term exposure - systemic effects		14 mg/m3	
2-(2-Heptadec-8-enyl-2-imidazolin-1-yl)ethanol 95-38-5	Workers	dermal	Long term exposure - systemic effects		0,06 mg/kg	
2-(2-Heptadec-8-enyl-2-imidazolin-1-yl)ethanol 95-38-5	Workers	Inhalation	Long term exposure - systemic effects		0,46 mg/m3	

Biological Exposure Indices:

None

8.2. Exposure controls:

Engineering controls:

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; >= 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; >= 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:

Wear protective glasses.

Protective eye equipment should conform to EN166.

Skin protection:

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 Grease grey
Odor characteristic

Odour threshold No data available / Not applicable

pH Not available.

Melting point No data available / Not applicable Solidification temperature No data available / Not applicable

Initial boiling point 162 °C (323.6 °F) Flash point Not available.

Evaporation rate No data available / Not applicable Flammability No data available / Not applicable

Explosive limits

lower upper 0.7 %(V) 7.5 %(V)

Vapour pressure No data available / Not applicable Relative vapour density: No data available / Not applicable

Density 0,9 g/cm³

(20 °C (68 °F))

Bulk density

No data available / Not applicable
Solubility

No data available / Not applicable

Solubility (qualitative) Not miscible

(Solvent: Water)

Partition coefficient: n-octanol/water

Auto-ignition temperature

Decomposition temperature

No data available / Not applicable
No data available / Not applicable
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
No data available / Not applicable

9.2. Other information

No data available / Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

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

None if used properly.

10.6. Hazardous decomposition products

None if used for intended purpose.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity:

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

Hazardous substances	Value	Value	Species	Method
CAS-No.	type			
Hydrocarbons, C10-C13,	LD50	> 5.000 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
n-alkanes, isoalkanes,				
cyclics, < 2% aromatic				
Hydrocarbons, C9,	LD50	3.592 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
aromatics				
64742-95-6				
2-(2-Heptadec-8-enyl-2-	LD50	1.265 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)
imidazolin-1-yl)ethanol				
95-38-5				

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
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatic	LD50	> 5.000 mg/kg	rabbit	OECD Guideline 402 (Acute Dermal Toxicity)
Hydrocarbons, C9, aromatics 64742-95-6	LD50	> 3.160 mg/kg	rabbit	OECD Guideline 402 (Acute Dermal Toxicity)

Acute inhalative toxicity:

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

Hazardous substances	Value	Value	Test atmosphere	Exposure	Species	Method
CAS-No.	type			time		
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatic	LC50	> 5,6 mg/l	dust/mist	4 h	rat	OECD Guideline 403 (Acute Inhalation Toxicity)
Hydrocarbons, C9, aromatics 64742-95-6	LC50	>7,63 mg/l	vapour	4 h	rat	OECD Guideline 403 (Acute Inhalation Toxicity)

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
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatic	not irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Hydrocarbons, C9, aromatics 64742-95-6	mildly irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
2-(2-Heptadec-8-enyl-2-imidazolin-1-yl)ethanol 95-38-5	corrosive	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

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

Hazardous substances	Result	Exposure	Species	Method
CAS-No.		time		
Hydrocarbons, C9,	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
aromatics				
64742-95-6				

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
Hydrocarbons, C9,	not sensitising	Guinea pig maximisation	guinea pig	OECD Guideline 406 (Skin Sensitisation)
aromatics		test		
64742-95-6				

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
Hydrocarbons, C9, aromatics 64742-95-6	negative	sister chromatid exchange assay in mammalian cells	with and without		equivalent or similar to OECD Guideline 479 (Genetic Toxicology: In Vitro Sister Chromatid Exchange Assay in Mammalian Cells)
Hydrocarbons, C9, aromatics 64742-95-6	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		equivalent or similar to OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Hydrocarbons, C9, aromatics 64742-95-6	negative	mammalian cell gene mutation assay	with and without		equivalent or similar to OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Hydrocarbons, C9, aromatics 64742-95-6	negative	in vitro mammalian chromosome aberration test	with and without		equivalent or similar to OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)

Carcinogenicity

No data available.

Reproductive toxicity:

No data available.

STOT-single exposure:

No data available.

$STOT\text{-}repeated\,exposure::\\$

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

Hazardous substances	Result / Value	Route of	Exposure time /	Species	Method
CAS-No.		application	Frequency of		
			treatment		
2-(2-Heptadec-8-enyl-2-	NOAEL 20 mg/kg	oral: gavage	31/51 days (m/f)	rat	OECD Guideline 422
imidazolin-1-yl)ethanol			daily		(Combined Repeated
95-38-5					Dose Toxicity Study with
					the Reproduction /
					Developmental Toxicity
					Screening Test)

Aspiration hazard:

The mixture is classified based on Viscosity data.

Hazardous substances	Viscosity (kinematic)	Tempe rature	Method	Remarks
CAS-No.	Value			
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatic	1,13 mm2/s	40 °C	not specified	

SECTION 12: Ecological information

General ecological information:

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

12.1. Toxicity

Toxicity (Fish):

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

Hazardous substances	Value	Value	Exposure time	Species	Method
CAS-No.	type				
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatic	LL50	> 1.000 mg/l	96 h	3	OECD Guideline 203 (Fish, Acute Toxicity Test)
Hydrocarbons, C9, aromatics 64742-95-6	LL50	9,2 mg/l	96 h	3	OECD Guideline 203 (Fish, Acute Toxicity Test)
2-(2-Heptadec-8-enyl-2- imidazolin-1-yl)ethanol 95-38-5	LC50	0,3 mg/l	96 h		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	Value	Value	Exposure time	Species	Method
CAS-No.	type		_		
Hydrocarbons, C10-C13, n-	EL50	> 1.000 mg/l	48 h	Daphnia magna	OECD Guideline 202
alkanes, isoalkanes, cyclics, <					(Daphnia sp. Acute
2% aromatic					Immobilisation Test)
Hydrocarbons, C9, aromatics	EL50	3,2 mg/l	48 h	Daphnia magna	OECD Guideline 202
64742-95-6					(Daphnia sp. Acute
					Immobilisation Test)
2-(2-Heptadec-8-enyl-2-	EC50	0,163 mg/l	48 h	Daphnia magna	OECD Guideline 202
imidazolin-1-yl)ethanol					(Daphnia sp. Acute
95-38-5					Immobilisation Test)

Chronic toxicity to aquatic invertebrates

No data available.

Toxicity (Algae):

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

Hazardous substances	Value	Value	Exposure time	Species	Method
CAS-No.	type				
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatic	EL50	> 1.000 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatic	NOELR	1.000 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Hydrocarbons, C9, aromatics 64742-95-6	NOELR	l mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Hydrocarbons, C9, aromatics 64742-95-6	EL50	2,9 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
2-(2-Heptadec-8-enyl-2- imidazolin-1-yl)ethanol 95-38-5	NOEC	0,011 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
2-(2-Heptadec-8-enyl-2- imidazolin-1-yl)ethanol 95-38-5	EC50	0,03 mg/l	72 h	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	Value	Value	Exposure time	Species	Method
CAS-No.	type				
2-(2-Heptadec-8-enyl-2-	IC50	26 mg/l	3 h	activated sludge, domestic	OECD Guideline 209
imidazolin-1-yl)ethanol				_	(Activated Sludge,
95-38-5					Respiration Inhibition Test)

12.2. Persistence and degradability

The product is not biodegradable.

Hazardous substances	Result	Test type	Degradability	Exposure	Method
CAS-No.				time	
Hydrocarbons, C10-C13, n-	readily biodegradable, but	aerobic	80 %	28 d	OECD Guideline 301 F (Ready
alkanes, isoalkanes, cyclics, <	failing 10-day window				Biodegradability: Manometric
2% aromatic					Respirometry Test)
Hydrocarbons, C9, aromatics	readily biodegradable	aerobic	78 %	28 d	OECD Guideline 301 F (Ready
64742-95-6					Biodegradability: Manometric
					Respirometry Test)
2-(2-Heptadec-8-enyl-2-	not readily biodegradable.	aerobic	1 %	28 d	OECD Guideline 301 B (Ready
imidazolin-1-yl)ethanol	-				Biodegradability: CO2 Evolution
95-38-5					Test)

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

The product evaporates readily.

The product is insoluble and floats on water.

No substance data available.

12.5. Results of PBT and vPvB assessment

Hazardous substances	PBT/ vPvB
CAS-No.	
Hydrocarbons, C10-C13, n-alkanes, isoalkanes,	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very
cyclics, < 2% aromatic	Bioaccumulative (vPvB) criteria.
Hydrocarbons, C9, aromatics	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very
64742-95-6	Bioaccumulative (vPvB) criteria.
2-(2-Heptadec-8-enyl-2-imidazolin-1-yl)ethanol	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very
95-38-5	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.

Disposal must be made according to official regulations.

Waste code

14 06 03 - other solvents and solvent mixtures

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

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

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

Ozone Depleting Substance (ODS) (Regulation (EC) No 1005/2009): Not applicable Prior Informed Consent (PIC) (Regulation (EU) No 649/2012): Not applicable Persistent organic pollutants (Regulation (EU) 2019/1021): Not applicable

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

Contains: Hydrocarbons, C9, aromatics

CAS 64742-95-6

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:

H226 Flammable liquid and vapor.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

Further information:

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