



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

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SDS No. : 173263  
V002.4

LOCTITE RUST REMEDY

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

#### 1.1. Product identifier

G60670 Loctite Rust Remedy

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

Intended use:

Rust preventor

#### 1.3. Details of the supplier of the safety data sheet

Force Products Ltd  
Stock House ,Seymour Road  
Nuneaton, Warwickshire  
CV11 4LB

Phone: +44 2476 322130

Fax-no.: +44 2476 322151

sales@forceproducts.co.uk

#### 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):

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

#### 2.2. Label elements

##### Label elements (CLP):

The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP).

##### Supplemental information

EUH210 Safety data sheet available on request.  
Contains 5-Chloro-2-methyl-2H-isothiazol-3-one; 2-Methyl-2H-isothiazol-3-one. May produce an allergic reaction.

##### Precautionary statement:

\*\*\*For consumer use only: P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P501 Dispose of waste and residues in accordance with local authority requirements\*\*\*

**2.3. Other hazards**

None if used properly.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****General chemical description:**

Primer

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

Hazardous components CAS-No.	EC Number REACH-Reg No.	content	Classification
2-Butoxyethanol 111-76-2	203-905-0 01-2119475108-36	< 3 %	Acute Tox. 4; Inhalation H332 Acute Tox. 4; Dermal H312 Acute Tox. 4; Oral H302 Eye Irrit. 2 H319 Skin Irrit. 2 H315
Tannins 1401-55-4	215-753-2	< 3 %	Skin Irrit. 2; Dermal H315 Eye Irrit. 2 H319 Aquatic Chronic 3 H412
5-Chloro-2-methyl-2H-isothiazol-3-one 26172-55-4	247-500-7	<= 15 PPM	Aquatic Chronic 1 H410 Aquatic Acute 1 H400 Skin Sens. 1; Dermal H317 Skin Corr. 1B H314 Acute Tox. 3 H301 Acute Tox. 3 H311 Acute Tox. 3 H331
2-Methyl-2H-isothiazol-3-one 2682-20-4	220-239-6	<= 15 PPM	Acute Tox. 3; Dermal H311 Skin Corr. 1B H314 Skin Sens. 1; Dermal H317 STOT SE 3; Inhalation H335 Acute Tox. 2 H330 Acute Tox. 3; Oral H301 Aquatic Acute 1 H400 Aquatic Chronic 2 H411

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.

**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.

**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:**

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 (CO<sub>2</sub>) and nitrogen oxides (NO<sub>x</sub>) can be released.

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

**5.3. Advice for firefighters**

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

## 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.

**6.2. Environmental precautions**

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

**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.

**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**

Store in original containers at 8-21°C (46.4-69.8°F) and do not return residual materials to containers as contamination may reduce the shelf life of the bulk product.

**7.3. Specific end use(s)**

Rust preventor

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Occupational Exposure Limits**

Valid for  
Great Britain

Ingredient [Regulated substance]	ppm	mg/m <sup>3</sup>	Value type	Short term exposure limit category / Remarks	Regulatory list
Quartz (SiO <sub>2</sub> ) 14808-60-7 [SILICA, RESPIRABLE CRYSTALLINE]		0,1	Time Weighted Average (TWA):		EH40 WEL
Silicon dioxide 112926-00-8 [SILICA, AMORPHOUS, INHALABLE DUST]		6	Time Weighted Average (TWA):		EH40 WEL
Silicon dioxide 112926-00-8 [SILICA, AMORPHOUS, RESPIRABLE DUST]		2,4	Time Weighted Average (TWA):		EH40 WEL
2-Butoxyethanol 111-76-2 [2-BUTOXYETHANOL]			Skin designation:	Can be absorbed through the skin.	EH40 WEL
2-Butoxyethanol 111-76-2 [2-BUTOXYETHANOL]	50	246	Short Term Exposure Limit (STEL):		EH40 WEL
2-Butoxyethanol 111-76-2 [2-BUTOXYETHANOL]	25	123	Time Weighted Average (TWA):		EH40 WEL
2-Butoxyethanol 111-76-2 [2-BUTOXYETHANOL]	20	98	Time Weighted Average (TWA):	Indicative	ECTLV
2-Butoxyethanol 111-76-2 [2-BUTOXYETHANOL]	50	246	Short Term Exposure Limit (STEL):	Indicative	ECTLV
Propane-1,2-diol 57-55-6 [PROPANE-1,2-DIOL, PARTICULATES]		10	Time Weighted Average (TWA):		EH40 WEL
Propane-1,2-diol 57-55-6 [PROPANE-1,2-DIOL, TOTAL VAPOUR AND PARTICULATES]	150	474	Time Weighted Average (TWA):		EH40 WEL
Silicon dioxide 112945-52-5 [SILICA, AMORPHOUS, INHALABLE DUST]		6	Time Weighted Average (TWA):		EH40 WEL
Silicon dioxide 112945-52-5 [SILICA, AMORPHOUS, RESPIRABLE DUST]		2,4	Time Weighted Average (TWA):		EH40 WEL

**Predicted No-Effect Concentration (PNEC):**

Name on list	Environmental Compartment	Exposure period	Value				Remarks
			mg/l	ppm	mg/kg	others	
2-Butoxyethanol 111-76-2	aqua (freshwater)					8,8 mg/L	
2-Butoxyethanol 111-76-2	aqua (marine water)					0,88 mg/L	
2-Butoxyethanol 111-76-2	STP					463 mg/L	
2-Butoxyethanol 111-76-2	sediment (freshwater)				34,6 mg/kg		
2-Butoxyethanol 111-76-2	sediment (marine water)				3,46 mg/kg		
2-Butoxyethanol 111-76-2	aqua (intermittent releases)					9,1 mg/L	
2-Butoxyethanol 111-76-2	soil				3,13 mg/kg		
2-Butoxyethanol 111-76-2	oral					200 mg/kg food	

**Derived No-Effect Level (DNEL):**

Name on list	Application Area	Route of Exposure	Health Effect	Exposure Time	Value	Remarks
2-Butoxyethanol 111-76-2	Workers	Inhalation	Acute/short term exposure - systemic effects		663 mg/m3	
2-Butoxyethanol 111-76-2	Workers	Dermal	Long term exposure - systemic effects		75 mg/kg bw/day	
2-Butoxyethanol 111-76-2	Workers	Inhalation	Long term exposure - systemic effects		98 mg/m3	
2-Butoxyethanol 111-76-2	general population	Inhalation	Acute/short term exposure - systemic effects		426 mg/m3	
2-Butoxyethanol 111-76-2	general population	Inhalation	Acute/short term exposure - local effects		123 mg/m3	
2-Butoxyethanol 111-76-2	general population	Dermal	Long term exposure - systemic effects		38 mg/kg bw/day	
2-Butoxyethanol 111-76-2	general population	Inhalation	Long term exposure - systemic effects		49 mg/m3	
2-Butoxyethanol 111-76-2	general population	oral	Long term exposure - systemic effects		3,2 mg/kg bw/day	
2-Butoxyethanol 111-76-2	Workers	Inhalation	Acute/short term exposure - local effects		246 mg/m3	
2-Butoxyethanol 111-76-2	Workers	Dermal	Acute/short term exposure - systemic effects		89 mg/kg bw/day	
2-Butoxyethanol 111-76-2	general population	Dermal	Acute/short term exposure - systemic effects		44,5 mg/kg bw/day	
2-Butoxyethanol 111-76-2	general population	oral	Acute/short term exposure - systemic effects		13,4 mg/kg bw/day	

**Biological Exposure Indices:**

Ingredient [Regulated substance]	Parameters	Biological specimen	Sampling time	Conc.	Basis of biol. exposure index	Remark	Additional Information
2-Butoxyethanol 111-76-2 [2-BUTOXYETHANOL]	Butoxyacetic acid	Creatinine in urine	Sampling time: End of shift.		UKEH40BMG V		

**8.2. Exposure controls:**

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

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.

Skin protection:

Wear suitable protective clothing.

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

Appearance	liquid liquid grey
Odor	mild
Odour threshold	No data available / Not applicable
pH ( )	3,0 - 3,5
Initial boiling point	> 100 °C (> 212 °F)
Flash point	> 100 °C (> 212 °F)
Decomposition temperature	No data available / Not applicable
Vapour pressure	No data available / Not applicable
Density ( )	1,23 - 1,27 g/cm <sup>3</sup>
Bulk density	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
Solubility (qualitative) (Solvent: Water)	Miscible
Solubility (qualitative) (Solvent: Acetone)	Partially soluble
Solidification temperature	No data available / Not applicable
Melting point	No data available / Not applicable
Flammability	No data available / Not applicable
Auto-ignition temperature	No data available / Not applicable

Explosive limits	No data available / Not applicable
Partition coefficient: n-octanol/water	No data available / Not applicable
Evaporation rate	No data available / Not applicable
Vapor density	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

None if used properly.

### 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.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### General toxicological information:

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 1272/2008/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

#### Oral toxicity:

This material is considered to have low toxicity if swallowed.

#### Inhalative toxicity:

Due to the low volatility of the product there are no hazards associated with inhalation under normal conditions of use

#### Skin irritation:

Prolonged or repeated contact may cause skin irritation.

#### Eye irritation:

Prolonged or repeated contact may cause eye irritation.

#### Sensitizing:

May cause allergic reaction.

**Acute oral toxicity:**

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
2-Butoxyethanol 111-76-2	LD50	1.746 mg/kg	oral		rat	OECD Guideline 401 (Acute Oral Toxicity)
Tannins 1401-55-4	LD50	2.260 mg/kg	oral		rat	
5-Chloro-2-methyl-2H- isothiazol-3-one 26172-55-4	LD50	2.630 mg/kg	oral		rat	
5-Chloro-2-methyl-2H- isothiazol-3-one 26172-55-4	LD50	3.350 mg/kg			rat	
2-Methyl-2H-isothiazol- 3-one 2682-20-4	LD50	183 mg/kg	oral		rat	

**Acute inhalative toxicity:**

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
2-Methyl-2H-isothiazol- 3-one 2682-20-4	LC50			4 h	rat	

**Acute dermal toxicity:**

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
2-Butoxyethanol 111-76-2	LD50	2.000 mg/kg	dermal		rabbit	
5-Chloro-2-methyl-2H- isothiazol-3-one 26172-55-4	LD50	5.000 mg/kg	dermal		rabbit	

**Skin corrosion/irritation:**

Hazardous components CAS-No.	Result		Exposure time	Species	Method
2-Butoxyethanol 111-76-2	irritating		4 h	rabbit	EU Method B.4 (Acute Toxicity: Dermal Irritation / Corrosion)
2-Methyl-2H-isothiazol- 3-one 2682-20-4	corrosive			rabbit	

**Serious eye damage/irritation:**

Hazardous components CAS-No.	Result		Exposure time	Species	Method
2-Butoxyethanol 111-76-2	irritating		24 h	rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

**Respiratory or skin sensitization:**

Hazardous components CAS-No.	Result		Test type	Species	Method
2-Butoxyethanol 111-76-2	not sensitising		Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)



**Germ cell mutagenicity:**

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
2-Butoxyethanol 111-76-2	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
2-Methyl-2H-isothiazol- 3-one 2682-20-4	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
2-Methyl-2H-isothiazol- 3-one 2682-20-4	negative	oral: gavage		mouse	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
	negative	oral: gavage		rat	OECD Guideline 484 (Genetic Toxicology: Mouse Spot Test)

**Repeated dose toxicity**

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
2-Butoxyethanol 111-76-2	NOAEL=0,121 mg/l	inhalation	42 or 90 days6 hours/day, 5 days/week	rat	
2-Butoxyethanol 111-76-2	NOAEL=< 69 mg/kg	oral: drinking water	91 dcontinuous	rat	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

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

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 1272/2008/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

**12.1. Toxicity****Ecotoxicity:**

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

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
2-Butoxyethanol 111-76-2	LC50	> 1.000 mg/l	Fish	48 h	Leuciscus idus	DIN 38412-15
2-Butoxyethanol 111-76-2	EC50	> 300 mg/l	Daphnia	24 h	Daphnia magna	
2-Butoxyethanol 111-76-2	EC50	> 900 mg/l	Algae	7 d	Scenedesmus quadricauda	OECD Guideline 201 (Alga, Growth Inhibition Test)
Tannins 1401-55-4	LC50	37 mg/l	Fish	96 h	Gambusia affinis	OECD Guideline 203 (Fish, Acute Toxicity Test)
5-Chloro-2-methyl-2H- isothiazol-3-one 26172-55-4	LC50	0,22 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
5-Chloro-2-methyl-2H- isothiazol-3-one 26172-55-4	EC50	0,1 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
5-Chloro-2-methyl-2H- isothiazol-3-one 26172-55-4	NOEC	0,035 mg/l	Algae	120 h	Anabaena flos-aquae	OECD Guideline 201 (Alga, Growth Inhibition Test)
	EC50	0,039 mg/l	Algae	120 h	Anabaena flos-aquae	OECD Guideline 201 (Alga, Growth Inhibition Test)
2-Methyl-2H-isothiazol-3-one 2682-20-4	LC50	4,77 - 6 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
2-Methyl-2H-isothiazol-3-one 2682-20-4	EC50	0,93 - 1,9 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
2-Methyl-2H-isothiazol-3-one 2682-20-4	EC50	0,22 mg/l	Algae	72 h	Selenastrum capricornutum (new name: Pseudokirchnerella subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)
	NOEC	0,03 mg/l	Algae	72 h	Selenastrum capricornutum (new name: Pseudokirchnerella subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)
2-Methyl-2H-isothiazol-3-one 2682-20-4	NOEC	0,04 mg/l	chronic Daphnia	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)

## 12.2. Persistence and degradability

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
2-Butoxyethanol 111-76-2	readily biodegradable	aerobic	73 %	EU Method C.4-E (Determination of the "Ready" Biodegradability Closed Bottle Test)
5-Chloro-2-methyl-2H- isothiazol-3-one 26172-55-4		aerobic	0 %	EU Method C.4-E (Determination of the "Ready" Biodegradability Closed Bottle Test)
2-Methyl-2H-isothiazol-3-one 2682-20-4		aerobic	56 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)

## 12.3. Bioaccumulative potential / 12.4. Mobility in soil

Hazardous components CAS-No.	LogKow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
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2-Butoxyethanol 111-76-2	0,81				25 °C	OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)
5-Chloro-2-methyl-2H- isothiazol-3-one 26172-55-4	-0,34					EU Method A.8 (Partition Coefficient)
2-Methyl-2H-isothiazol-3-one 2682-20-4	-0,5					OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)

#### 12.5. Results of PBT and vPvB assessment

Hazardous components CAS-No.	PBT/vPvB
2-Butoxyethanol 111-76-2	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
2-Methyl-2H-isothiazol-3-one 2682-20-4	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:

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  
080111

**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. Packaging 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 73/78 and the IBC Code**

not applicable

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**VOC content < 3 %  
(1999/13/EC)**VOC Paints and Varnishes (EU):**Product (sub)category: Primer  
Phase I (from 1.1.2007): 540 g/l  
max. VOC content: 68 g/l**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:

H301 Toxic if swallowed.  
H302 Harmful if swallowed.  
H311 Toxic in contact with skin.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H330 Fatal if inhaled.  
H331 Toxic if inhaled.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
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.  
H412 Harmful to aquatic life with long lasting effects.

### Further information:

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.

### Label elements (DPD):

The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EC" as issued in the last version.

Additional labeling:

For consumer use only: S2 Keep out of the reach of children.  
S46 If swallowed, seek medical advice immediately and show this container or label.  
Safety data sheet available for professional user on request.

**Relevant changes in this safety data sheet are indicated by vertical lines at the left margin in the body of this document. Corresponding text is displayed in a different color on shadowed fields.**