



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

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LOCTITE EDAG SP 413 E&C known as ELECTRODAG SP-413  
1.5 KG

SDS No. : 364280  
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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

LOCTITE EDAG SP 413 E&C known as ELECTRODAG SP-413 1.5 KG

#### Contains:

4-Methylpentan-2-one

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

Intended use:  
EMC product

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

Henkel Ltd  
Wood Lane End  
HP2 4RQ Hemel Hempstead

Great Britain

Phone: +44 1442 278000  
Fax-no.: +44 1442 278071

ua-productsafety.uk@uk.henkel.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 2
H225 Highly flammable liquid and vapor.	
Serious eye irritation	Category 2
H319 Causes serious eye irritation.	
Specific target organ toxicity - single exposure	Category 3
H335 May cause respiratory irritation.	
Target organ: respiratory tract irritation	
Acute hazards to the aquatic environment	Category 1
H400 Very toxic to aquatic life.	
Chronic hazards to the aquatic environment	Category 1
H410 Very toxic to aquatic life with long lasting effects.	

#### 2.2. Label elements

##### Label elements (CLP):

**Hazard pictogram:****Signal word:** Danger

**Hazard statement:** H225 Highly flammable liquid and vapor.  
 H319 Causes serious eye irritation.  
 H335 May cause respiratory irritation.  
 H410 Very toxic to aquatic life with long lasting effects.

**Supplemental information** EUH066 Repeated exposure may cause skin dryness or cracking.

**Precautionary statement:** P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.  
**Prevention** No smoking.  
 P260 Do not breathe mist/spray.  
 P280 Wear eye protection/face protection.

**Precautionary statement:** P370+P378 In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction.  
**Response**

**2.3. Other hazards**

None if used properly.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Base substances of preparation:**Pigment  
solvent**Declaration of the ingredients according to CLP (EC) No 1272/2008:**

Hazardous components CAS-No.	EC Number REACH-Reg No.	content	Classification
4-Methylpentan-2-one 108-10-1	203-550-1 01-2119473980-30	< 60 %	Flam. Liq. 2 H225 Acute Tox. 4; Inhalation H332 Eye Irrit. 2 H319 STOT SE 3 H335
Silver >= 99,9 % Ag in powder (< 1 mm) 7440-22-4	231-131-3	25- 50 %	Aquatic Acute 1 H400 Aquatic Chronic 1 H410 M factor: 1.000 M factor (Chron Aquat Tox): 1.000
Methanol 67-56-1	200-659-6 01-2119433307-44	0,1- 1 %	Flam. Liq. 2 H225 STOT SE 1 H370 Acute Tox. 3; Inhalation H331 Acute Tox. 3; Dermal H311 Acute Tox. 3; Oral H301

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, consult doctor if complaint persists.

**Skin contact:**

Rinse with running water and soap.

In case of adverse health effects seek medical advice.

**Eye contact:**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Ingestion:**

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

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

Repeated exposure may cause skin dryness or cracking.

EYE: Irritation, conjunctivitis.

RESPIRATORY: Irritation, coughing, shortness of breath, chest tightness.

### 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

Fine water spray

**Extinguishing media which must not be used for safety reasons:**

High pressure waterjet

### 5.2. Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in fires.

### 5.3. Advice for firefighters

Wear protective equipment.

Wear self-contained breathing apparatus.

**Additional information:**

Cool endangered containers with water spray jet.

## SECTION 6: Accidental release measures

**General information:**

Danger of slipping on spilled product.

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid skin and eye contact.

### 6.2. Environmental precautions

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

### **6.3. Methods and material for containment and cleaning up**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
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**

Ensure that workrooms are adequately ventilated.  
Avoid skin and eye contact.  
See advice in section 8  
Avoid open flames and sources of ignition.  
Ground/bond container and receiving equipment.  
Use explosion proof electric equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.

#### Hygiene measures:

Wash hands before work breaks and after finishing work.  
Do not eat, drink or smoke while working.

### **7.2. Conditions for safe storage, including any incompatibilities**

Ensure good ventilation/extraction.  
Temperatures between + 5 °C and + 30 °C

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

EMC product

<b>SECTION 8: Exposure controls/personal protection</b>
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**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
4-Methylpentan-2-one 108-10-1 [4-METHYLPENTAN-2-ONE]	100	416	Short Term Exposure Limit (STEL):		EH40 WEL
4-Methylpentan-2-one 108-10-1 [4-METHYLPENTAN-2-ONE]			Skin designation:	Can be absorbed through the skin.	EH40 WEL
4-Methylpentan-2-one 108-10-1 [4-METHYLPENTAN-2-ONE]	50	208	Time Weighted Average (TWA):		EH40 WEL
4-Methylpentan-2-one 108-10-1 [4-METHYLPENTAN-2-ONE]	20	83	Time Weighted Average (TWA):	Indicative	ECLTV
4-Methylpentan-2-one 108-10-1 [4-METHYLPENTAN-2-ONE]	50	208	Short Term Exposure Limit (STEL):	Indicative	ECLTV
Silver 7440-22-4 [SILVER (METALLIC)]		0,1	Time Weighted Average (TWA):		EH40 WEL
Silver 7440-22-4 [SILVER, METALLIC]		0,1	Time Weighted Average (TWA):	Indicative	ECLTV
Methanol 67-56-1 [METHANOL]	250	333	Short Term Exposure Limit (STEL):		EH40 WEL
Methanol 67-56-1 [METHANOL]			Skin designation:	Can be absorbed through the skin.	EH40 WEL
Methanol 67-56-1 [METHANOL]	200	266	Time Weighted Average (TWA):		EH40 WEL
Methanol 67-56-1 [METHANOL]	200	260	Time Weighted Average (TWA):	Indicative	ECLTV

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

Name on list	Environmental Compartment	Exposure period	Value				Remarks
			mg/l	ppm	mg/kg	others	
4-Methylpentan-2-one 108-10-1	aqua (freshwater)					0,6 mg/L	
4-Methylpentan-2-one 108-10-1	aqua (marine water)					0,06 mg/L	
4-Methylpentan-2-one 108-10-1	sediment (freshwater)				8,27 mg/kg		
4-Methylpentan-2-one 108-10-1	sediment (marine water)				0,83 mg/kg		
4-Methylpentan-2-one 108-10-1	soil				1,3 mg/kg		
4-Methylpentan-2-one 108-10-1	STP					27,5 mg/L	
4-Methylpentan-2-one 108-10-1	aqua (intermittent releases)					1,5 mg/L	
Methanol 67-56-1	aqua (freshwater)					20,8 mg/L	
Methanol 67-56-1	sediment (freshwater)				77 mg/kg		
Methanol 67-56-1	aqua (marine water)					2,08 mg/L	
Methanol 67-56-1	soil				3,18 mg/kg		
Methanol 67-56-1	STP					100 mg/L	
Methanol 67-56-1	aqua (intermittent releases)					1540 mg/L	
Methanol 67-56-1	sediment (marine water)				7,7 mg/kg		

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

Name on list	Application Area	Route of Exposure	Health Effect	Exposure Time	Value	Remarks
4-Methylpentan-2-one 108-10-1	Workers	Inhalation	Acute/short term exposure - systemic effects		208 mg/m3	
4-Methylpentan-2-one 108-10-1	Workers	Inhalation	Acute/short term exposure - local effects		208 mg/m3	
4-Methylpentan-2-one 108-10-1	Workers	Inhalation	Long term exposure - systemic effects		83 mg/m3	
4-Methylpentan-2-one 108-10-1	Workers	Inhalation	Long term exposure - local effects		83 mg/m3	
4-Methylpentan-2-one 108-10-1	Workers	Dermal	Long term exposure - systemic effects		11,8 mg/kg bw/day	
4-Methylpentan-2-one 108-10-1	general population	Inhalation	Acute/short term exposure - systemic effects		155,2 mg/m3	
4-Methylpentan-2-one 108-10-1	general population	Inhalation	Acute/short term exposure - local effects		155,2 mg/m3	
4-Methylpentan-2-one 108-10-1	general population	Inhalation	Long term exposure - systemic effects		14,7 mg/m3	
4-Methylpentan-2-one 108-10-1	general population	Inhalation	Long term exposure - local effects		14,7 mg/m3	
4-Methylpentan-2-one 108-10-1	general population	Dermal	Long term exposure - systemic effects		4,2 mg/kg bw/day	
4-Methylpentan-2-one 108-10-1	general population	oral	Long term exposure - systemic effects		4,2 mg/kg bw/day	
Methanol 67-56-1	Workers	Dermal	Acute/short term exposure - systemic effects		40 mg/kg bw/day	
Methanol 67-56-1	Workers	Inhalation	Acute/short term exposure - systemic effects		260 mg/m3	
Methanol 67-56-1	Workers	Inhalation	Acute/short term exposure - local effects		260 mg/m3	
Methanol 67-56-1	Workers	Dermal	Long term exposure - systemic effects		40 mg/kg bw/day	
Methanol 67-56-1	Workers	Inhalation	Long term exposure - systemic effects		260 mg/m3	
Methanol 67-56-1	Workers	Inhalation	Long term exposure - local effects		260 mg/m3	
Methanol 67-56-1	general population	Dermal	Acute/short term exposure - systemic effects		8 mg/kg bw/day	
Methanol 67-56-1	general population	Inhalation	Acute/short term exposure - systemic effects		50 mg/m3	
Methanol 67-56-1	general population	oral	Acute/short term exposure - systemic effects		8 mg/kg bw/day	
Methanol 67-56-1	general population	Inhalation	Acute/short term exposure - local effects		50 mg/m3	
Methanol 67-56-1	general population	Dermal	Long term exposure - systemic effects		8 mg/kg bw/day	
Methanol 67-56-1	general population	Inhalation	Long term exposure - systemic effects		50 mg/m3	
Methanol 67-56-1	general population	oral	Long term exposure -		8 mg/kg bw/day	

			systemic effects			
Methanol 67-56-1	general population	Inhalation	Long term exposure - local effects		50 mg/m <sup>3</sup>	

**Biological Exposure Indices:**

Ingredient [Regulated substance]	Parameters	Biological specimen	Sampling time	Conc.	Basis of biol. exposure index	Remark	Additional Information
4-Methylpentan-2-one 108-10-1 [4-METHYLPENTAN-2-ONE]	4- methylpentan -2-one	Urine	Sampling time: End of shift.		UKEH40BMG V		

**8.2. Exposure controls:**

Engineering controls:  
Ensure good ventilation/extraction.

Respiratory protection:  
In case of aerosol formation, we recommend wearing of appropriate respiratory protection equipment with ABEK P2 filter. This recommendation should be matched to local conditions.

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): Fluorinated rubber (FKM; >= 0.7 mm thickness) Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): Fluorinated rubber (FKM; >= 0.7 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:  
Tightly fitting safety goggles

Skin protection:  
Wear suitable protective clothing.

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

Appearance	liquid liquid silver
Odor	Solvent
Odour threshold	No data available / Not applicable
pH	Not applicable
Initial boiling point	116 °C (240.8 °F)
Flash point	14 °C (57.2 °F); no method
Decomposition temperature	No data available / Not applicable
Vapour pressure (20 °C (68 °F))	7 mbar
Density (20 °C (68 °F))	1,34 g/cm <sup>3</sup>
Bulk density	No data available / Not applicable
Viscosity (Brookfield; Instrument: RVT; 20 °C (68 °F); speed of rotation: 20 min <sup>-1</sup> )	600 - 1.200 mPa.s
Viscosity (kinematic)	No data available / Not applicable
Explosive properties	No data available / Not applicable
Solubility (qualitative) (Solvent: Water)	Insoluble
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	
lower	1,2 % (V)
upper	8,0 % (V)
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

Reaction with strong oxidants.

### 10.2. Chemical stability

Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

See section reactivity

### 10.4. Conditions to avoid

No decomposition if used according to specifications.

### 10.5. Incompatible materials

See section reactivity

### 10.6. Hazardous decomposition products

None if used for intended purpose.

In case of fire toxic gases can be released.

## 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.

#### STOT-single exposure:

May cause respiratory irritation.

#### Skin irritation:

Repeated exposure may cause skin dryness or cracking.

#### Eye irritation:

Causes serious eye irritation.

#### Acute oral toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
4-Methylpentan-2-one 108-10-1	LD50	2.080 mg/kg	oral		rat	OECD Guideline 401 (Acute Oral Toxicity)
Silver >= 99,9 % Ag in powder (< 1 mm) 7440-22-4	LD50	> 2.000 mg/kg	oral		rat	OECD Guideline 401 (Acute Oral Toxicity)
Methanol 67-56-1	Acute toxicity estimate (ATE)	100 mg/kg	oral			Expert judgement

**Acute inhalative toxicity:**

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
4-Methylpentan-2-one 108-10-1	Acute toxicity estimate (ATE)	11 mg/l	Vapor.			Expert judgement
4-Methylpentan-2-one 108-10-1	LC50	8,2 - 16,4 mg/l	Vapor.	4 h	rat	OECD Guideline 403 (Acute Inhalation Toxicity)
Methanol 67-56-1	Acute toxicity estimate (ATE)	3 mg/l	Vapour			Expert judgement

**Acute dermal toxicity:**

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
4-Methylpentan-2-one 108-10-1	LD50	> 2.000 mg/kg	dermal		rat	OECD Guideline 402 (Acute Dermal Toxicity)

**Skin corrosion/irritation:**

Hazardous components CAS-No.	Result	Exposure time	Species	Method
4-Methylpentan-2-one 108-10-1	not irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Methanol 67-56-1	not irritating		rabbit	BASF Test

**Serious eye damage/irritation:**

Hazardous components CAS-No.	Result	Exposure time	Species	Method
4-Methylpentan-2-one 108-10-1	slightly irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Methanol 67-56-1	not irritating		rabbit	BASF Test

**Respiratory or skin sensitization:**

Hazardous components CAS-No.	Result	Test type	Species	Method
4-Methylpentan-2-one 108-10-1	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)
Methanol 67-56-1	not sensitising	Guinea pig maximisation test	guinea pig	Magnusson and Kligman Method

**Germ cell mutagenicity:**

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
4-Methylpentan-2-one 108-10-1	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)

**Repeated dose toxicity**

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
Methanol 67-56-1	NOAEL=6,63 mg/l	inhalation	4 weeks 6 h/d, 5 d/w	rat	

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

### Other adverse effects:

The product contains organic solvents which are insoluble in water. According to the requirements of the ATV regulations for the discharge of wastewater from commercial and industrial plant, organic solvents which are immiscible with water can only be discharged to an extent which corresponds to their solubility in water. The local discharge regulations take precedence.

### 12.1. Toxicity

#### Ecotoxicity:

Very toxic to aquatic life.

Very toxic to aquatic life with long lasting effects.

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
4-Methylpentan-2-one 108-10-1	LC50	600 mg/l	Fish	96 h	Salmo gairdneri (new name: Oncorhynchus mykiss)	OECD Guideline 203 (Fish, Acute Toxicity Test)
4-Methylpentan-2-one 108-10-1	EC50	170 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
4-Methylpentan-2-one 108-10-1	EC50	400 mg/l	Algae	96 h	Selenastrum capricornutum (new name: Pseudokirchnerella subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Methanol 67-56-1	LC50	> 1.000 mg/l	Fish	48 h	Leuciscus idus	DIN 38412-15
	NOEC	7.900 mg/l	Fish	200 h	Oryzias latipes	OECD 210 (fish early life stage toxicity test)
Methanol 67-56-1	EC50	> 10.000 mg/l	Daphnia	48 h	Daphnia magna	
Methanol 67-56-1	EC50	28,44 g/l	Algae		Chlorella pyrenoidosa	OECD Guideline 201 (Alga, Growth Inhibition Test)

### 12.2. Persistence and degradability

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
4-Methylpentan-2-one 108-10-1	readily biodegradable	aerobic	99 %	OECD Guideline 301 E (Ready biodegradability: Modified OECD Screening Test)
Methanol 67-56-1	readily biodegradable	aerobic	82 - 92 %	EU Method C.4-E (Determination of the "Ready" Biodegradability Closed Bottle Test)

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

Hazardous components CAS-No.	LogKow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
4-Methylpentan-2-one 108-10-1	1,31				20 °C	
Methanol 67-56-1	-0,77					

### 12.5. Results of PBT and vPvB assessment

Hazardous components CAS-No.	PBT/vPvB

4-Methylpentan-2-one 108-10-1	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Silver >= 99,9 % Ag in powder (< 1 mm) 7440-22-4	Not fulfilling PBT (persistent/bioaccumulative/toxic) criteria
Methanol 67-56-1	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:

In consultation with the responsible local authority, must be subjected to special treatment.

Waste code

080111

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	1263
RID	1263
ADN	1263
IMDG	1263
IATA	1263

**14.2. UN proper shipping name**

ADR	PAINT
RID	PAINT
ADN	PAINT
IMDG	PAINT (Silver)
IATA	Paint

**14.3. Transport hazard class(es)**

ADR	3
RID	3
ADN	3
IMDG	3
IATA	3

**14.4. Packaging group**

ADR	II
RID	II
ADN	II
IMDG	II
IATA	II

**14.5. Environmental hazards**

ADR	Environmentally Hazardous
RID	Environmentally Hazardous
ADN	Environmentally Hazardous
IMDG	Environmentally Hazardous
IATA	not applicable

**14.6. Special precautions for user**

ADR	Special provision 640D Tunnelcode: (D/E)
RID	Special provision 640D
ADN	Special provision 640D
IMDG	not applicable
IATA	not applicable

**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 (1999/13/EC)	52,6 %
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**15.2. Chemical safety assessment**

A chemical safety assessment has not been carried out.

**National regulations/information (Great Britain):**

Remarks	Control of Substances Hazardous to Health Regulations (COSHH), and related guidance, e.g COSHH Essentials. EH40 Occupational Exposure Limits Chemicals (Hazard Information & Packaging for Supply) Regulations. The Personnel Protective Equipment at Work Regulations. The Carriage of Dangerous Goods by Road Regulations. The Health & Safety at Work Act 1974. (Note: Use latest editions/amendments of above referenced documents.)
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**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.
- H301 Toxic if swallowed.
- H311 Toxic in contact with skin.
- H319 Causes serious eye irritation.
- H331 Toxic if inhaled.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H370 Causes damage to organs.
- H400 Very toxic to aquatic life.
- H410 Very toxic 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.

**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.**