

#### STANDARD THINNER

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Compilation date: 20/04/2017

Revision date: 2017

Revision No: 8

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

#### 1.1. Product identifier

Sent to: WHOLESALE AUTOMOTIVE LTD

Product name: STANDARD THINNER

Product code: S150

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

Use of substance / mixture: PC9a: Coatings and paints, thinners, paint removers.

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

Company name: SOLVENTS WITH SAFETY LTD

UNITS 1-4

PLUMTREE FARM INDUSTRIAL ESTATE

HARWORTH
DONCASTER
DN11 8EW
United Kingdom

**Tel:** 01302 711733 **Fax:** 01302 711744

Email: sales@solventswithsafety.co.uk

## 1.4. Emergency telephone number

Emergency tel: 08445605341 - 24hr Emergency Advice

as part of Tradebe Contract

Operating Hours: Manned 24/7

Languages: Global Coverage, English Language only

Further Info: Advice provided from SDS for the product, advice on transport, fire fighting

measures, first aid measures etc

#### Section 2: Hazards identification

# 2.1. Classification of the substance or mixture

Classification under CLP: Asp. Tox. 1: H304; STOT RE 2: H373; Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Flam.

Liq. 2: H225; Repr. 2: H361f; Skin Irrit. 2: H315; STOT SE 3: H336

Most important adverse effects: Highly flammable liquid and vapour. May be fatal if swallowed and enters airways.

Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of damaging fertility. May cause damage to organs through

prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

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#### 2.2. Label elements

#### Label elements:

Hazard statements: H225: Highly flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness. H361f: Suspected of damaging fertility.

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

H411: Toxic to aquatic life with long lasting effects.

Signal words: Danger

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark GHS08: Health hazard GHS09: Environmental









Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking.

P241: Use explosion-proof electrical/ventilating/lighting equipment.

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection. P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/.

P302+352: IF ON SKIN: Wash with plenty of water/.

### 2.3. Other hazards

Other hazards: The Precautionary statements in section 2.2 have been determined hierarchically for

use on the label. For a full listing of other relevant Precautionary statements please refer

to Section 16 of the MSDS

PBT: This product is not identified as a PBT/vPvB substance.

# Section 3: Composition/information on ingredients

### 3.2. Mixtures

### Hazardous ingredients:

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TOLUENE - REACH registered number(s): 01-2119471310-51-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
203-625-9	108-88-3	-	Flam. Liq. 2: H225; Repr. 2: H361d; Asp. Tox. 1: H304; STOT RE 2: H373; Skin Irrit. 2: H315; STOT SE 3: H336	5-10%
BUTAN-2-OL				
201-158-5	78-92-2	-	Flam. Liq. 3: H226; Eye Irrit. 2: H319; STOT SE 3: H335; STOT SE 3: H336	<5%
CYCLOHEXA	NE			
203-806-2	110-82-7	-	Flam. Liq. 2: H225; Asp. Tox. 1: H304; Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Chronic 1: H410; Aquatic Acute 1: H400	<5%
ETHYLBENZE	ENE			
202-849-4	100-41-4	-	Flam. Liq. 2: H225; Acute Tox. 4: H332; STOT RE 2: H373; Asp. Tox. 1: H304	<5%
HEPTANE				
205-563-8	142-82-5	-	Flam. Liq. 2: H225; Asp. Tox. 1: H304; Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<5%
N-HEXANE				
203-777-6	110-54-3	-	Flam. Liq. 2: H225; Repr. 2: H361f; Asp. Tox. 1: H304; STOT RE 2: H373; Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Chronic 2: H411	<5%
PROPAN-2-O	L			
200-661-7	67-63-0	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	<5%
XYLENE				
215-535-7	1330-20-7	-	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315	<5%
METHYL ACE	TATE			
201-185-2	79-20-9	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	<5%
ETHANOL				
200-578-6	64-17-5	Substance with a Community workplace exposure limit.	Flam. Liq. 2: H225	<5%

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BUTAN-1-OL				
200-751-6	71-36-3	-	Flam. Liq. 3: H226; Acute Tox. 4: H302; STOT SE 3: H335; Skin Irrit. 2: H315; Eye Dam. 1: H318; STOT SE 3: H336	<5%
PROPAN-1-C	)L			
200-746-9	71-23-8	-	Flam. Liq. 2: H225; Eye Dam. 1: H318; STOT SE 3: H336	<5%
ACETONE - F	REACH registere	d number(s): 01-2119471330-49		
200-662-2	67-64-1	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	<5%
N-BUTYL AC	ETATE			
204-658-1	123-86-4	-	Flam. Liq. 3: H226; STOT SE 3: H336; -: EUH066	<5%
ETHYL ACET	ATE - REACH re	egistered number(s): 01-21194751	103-46-XXXX	
205-500-4	141-78-6	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	<5%
METHANOL -	REACH registe	red number(s): 01-2119433307-44	1-XXXX	
200-659-6	67-56-1	-	Flam. Liq. 2: H225; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT SE 1: H370	<5%
4-METHYLPE	NTAN-2-ONE			
203-550-1	108-10-1	-	Flam. Liq. 2: H225; Acute Tox. 4: H332; Eye Irrit. 2: H319; STOT SE 3: H335; -: EUH066	<5%
PROPYL ACE	TATE			
203-686-1	109-60-4	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	<5%
ETHYL METH	IYL KETONE			
201-159-0	78-93-3	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	<5%
TETRAHYDR	OFURAN			
203-726-8	109-99-9	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; Carc. 2: H351; STOT SE 3: H335; -: EUH019	<5%

## Section 4: First aid measures

# 4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash

immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist

examination.

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Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water

to drink immediately. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

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

**Skin contact:** There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe

pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach

pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

### Section 5: Fire-fighting measures

#### 5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray

to cool containers.

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

Exposure hazards: In combustion emits toxic fumes.

# 5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact

with skin and eyes.

#### Section 6: Accidental release measures

# 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised

personnel. Do not attempt to take action without suitable protective clothing - see section

8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

#### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

# 6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for

disposal by an appropriate method.

#### 6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

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# Section 7: Handling and storage

# 7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

Avoid the formation or spread of mists in the air.

# 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

# 7.3. Specific end use(s)

Specific end use(s): No data available.

# Section 8: Exposure controls/personal protection

## 8.1. Control parameters

## **Hazardous ingredients:**

## **TOLUENE**

## Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL					
UK	191 mg/m3	384 mg/m3	-	-					
BUTAN-2-OL									
UK	308 mg/m3	462 mg/m3	-	-					
CYCLOHEXA	CYCLOHEXANE								
UK	350 mg/m3	1050 mg/m3	-	-					
ETHYLBENZI	ENE								
UK	441 mg/m3	552 mg/m3	-	-					
HEPTANE									
UK	2100 mg/m3	8400 mg/m3	-	-					
N-HEXANE									
UK	72 mg/m3	-	-	-					
PROPAN-2-O	L								
UK	999 mg/m3	1250 mg/m3	-	-					
XYLENE									
UK	220 mg/m3	441 mg/m3	-	-					
METHYL ACE	ETATE								
UK	616 mg/m3	770 mg/m3	-	-					

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ETHANOL				
UK	1920 mg/m3	-	-	-
BUTAN-1-OL				
UK	-	154 mg/m3	-	-
PROPAN-1-OL				
UK	500 mg/m3	625 mg/m3	-	-
ACETONE				
UK	1210 mg/m3	3620 mg/m3	-	-
N-BUTYL ACET	ATE			
UK	724 mg/m3	966 mg/m3	-	-
ETHYL ACETAT	E			
UK	200 ppm	400 ppm	-	-
METHANOL				
UK	266 mg/m3	333 mg/m3	-	-
4-METHYLPENT	AN-2-ONE			
UK	208 mg/m3	416 mg/m3	-	-
PROPYL ACETA	TE.			
UK	849 mg/m3	1060 mg/m3	-	-
ETHYL METHYL	KETONE			
UK	600 mg/m3	899 mg/m3	-	-
TETRAHYDROF	URAN			
UK	150 mg/m3	300 mg/m3	-	-

# **DNEL/PNEC Values**

**DNEL / PNEC** No data available.

## 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

**Eye protection:** Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing.

**Environmental:** Prevent from entering in public sewers or the immediate environment.

# Section 9: Physical and chemical properties

# 9.1. Information on basic physical and chemical properties

State: Liquid Colour: Various

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Odour: Unpleasant

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: No data available.

Viscosity: Non-viscous

**Boiling point/range°C:** 55-160 760mm Hg **Melting point/range°C:** No data available.

Flammability limits %: lower: 1 upper: 36.5

Flash point°C: <21 Part.coeff. n-octanol/water: No data available.

Autoflammability°C: >203 Vapour pressure: 1<110 kPa 20

**Relative density:** 0.8-0.9 20 **pH:** No data available.

VOC g/I: 840

#### 9.2. Other information

Other information: Not applicable.

# Section 10: Stability and reactivity

## 10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

# 10.2. Chemical stability

Chemical stability: Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

## 10.4. Conditions to avoid

Conditions to avoid: Heat.

## 10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

# 10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

### **Section 11: Toxicological information**

# 11.1. Information on toxicological effects

## **Hazardous ingredients:**

## **TOLUENE**

		1 . =	4000	
IVN	⊢ PΔ I	111350	1960	ma/ka
IVIN	11/71	LD30	1300	ing/kg

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				Pa
ORL	MUS	LD50	2	gm/kg
ORL	RAT	LD50	6900	mg/kg
BUTAN-2-OL				
IVN	RAT	LD50	138	mg/kg
ORL	RAT	LD50	2193	mg/kg
SKN	RAT	LD50	>2	gm/kg
		1200	1	99
CYCLOHEXANE				
ORL	MUS	LD50	813	mg/kg
ORL	RAT	LD50	12705	mg/kg
ETHYLBENZENE				T
IPR	MUS	LD50	2624	μl/kg
ORL	RAT	LD50	3500	mg/kg
HEPTANE				
IVN	MUS	LD50	222	mg/kg
				<u> </u>
N-HEXANE				
IPR	RAT	LDLO	9100	mg/kg
IVN	MUS	LDLO	831	mg/kg
ORL	RAT	LD50	25	gm/kg
PROPAN-2-OL				
IVN	RAT	LD50	1088	ma/ka
ORL	MUS	LD50	3600	mg/kg mg/kg
ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	6	
300	IVIOS	LDLO	0	gili/kg
KYLENE				
ORL	MUS	LD50	2119	mg/kg
ORL	RAT	LD50	4300	mg/kg
SCU	RAT	LD50	1700	mg/kg
METHYL ACETAT	E			
ORL	RAT	LD50	>5	gm/kg
	I	1		1

LDLO

SCU

RAT

8 gm/kg

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IVN	RAT	LD50	1440	mg/kg
ORL	MUS	LD50	3450	mg/kg
ORL	RAT	LD50	7060	mg/kg

# **BUTAN-1-OL**

IVN	RAT	LD50	310	mg/kg
ORL	MUS	LD50	2680	mg/kg
ORL	RAT	LD50	790	mg/kg

## PROPAN-1-OL

IVN	RAT	LD50	590	mg/kg
ORL	MUS	LD50	6800	mg/kg
ORL	RAT	LD50	1870	mg/kg

# **ACETONE**

IVN	RAT	LD50	5500	mg/kg
ORL	MUS	LD50	3000	mg/kg
ORL	RAT	LD50	5800	mg/kg

# **N-BUTYL ACETATE**

ORL	MUS	LD50	6	gm/kg
ORL	RAT	LD50	10768	mg/kg

# **ETHYL ACETATE**

ORL	MUS	LD50	4100	mg/kg
ORL	RAT	LD50	5620	mg/kg
SCU	RAT	LDLO	5	gm/kg

# **METHANOL**

IVN	RAT	LD50	2131	mg/kg
ORL	MUS	LD50	7300	mg/kg
ORL	RAT	LD50	5628	mg/kg

# 4-METHYLPENTAN-2-ONE

IPR	RAT	LD50	400	mg/kg
ORL	MUS	LD50	1900	mg/kg
ORL	RAT	LD50	2080	mg/kg

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## **PROPYL ACETATE**

ORL	MUS	LD50	8300	mg/kg
ORL	RAT	LD50	9370	mg/kg

#### **TETRAHYDROFURAN**

IPR	MUS	LD50	1900	mg/kg
IPR	RAT	LD50	2900	mg/kg
ORL	RAT	LD50	1650	mg/kg

#### Relevant hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Reproductive toxicity		Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated
STOT-repeated exposure	-	Hazardous: calculated
Aspiration hazard	-	Hazardous: calculated

# Symptoms / routes of exposure

**Skin contact:** There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe

pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach

pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

# **Section 12: Ecological information**

# 12.1. Toxicity

## **Hazardous ingredients:**

### **ACETONE**

BLUEGILL (Lepomis macrochirus)	LC50	8300	mg/l
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# 12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

## 12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

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12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal

company.

**Recovery operations:** Solvent reclamation/regeneration.

Waste code number: 08 01 11

Disposal of packaging: Arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national

regulations regarding disposal.

**Section 14: Transport information** 

14.1. UN number

UN number: UN1263

14.2. UN proper shipping name

Shipping name: PAINT RELATED MATERIALS

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: ||

14.5. Environmental hazards

Environmentally hazardous: Yes Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 1

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk: N/A

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## **Section 15: Regulatory information**

## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Not applicable.

## 15.2. Chemical Safety Assessment

Chemical safety assessment: A REACH chemical safety assessment has been carried out on the REACH registered

products showing in section 3 of SDS

#### **Section 16: Other information**

#### Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No

453/2010.

Abbreviations and Acronyms

ATE = Acute Toxicity Estimate

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No.

1272/2008]

DNEL = Derived No Effect Level

EUH statement = CLP-specific Hazard statement

PNEC = Predicted No Effect Concentration

RRN = REACH

Additional Relevant Precuationary Statements

P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P233 - Keep container tightly closed.

P240 - <Ground/Bond> container and receiving equipment.

P242 - Use only non-sparking tools.

P243 - Take precautionary measures against static discharge.

P261 - Avoid breathing <dust/fumes/gas/mist/vapours/spray>.

P264 - Wash ... thoroughly after handling.

P271 - Use only outdoors or in a well-ventilated area.

P273 - Avoid Release to the environment.

P281 - Use personal protective equipment as required.

P303+361+353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P304+340 - IF INHALED: remove person to fresh air and keep comfortable for breathing.

P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes.Remove

contact lenses, if present and easy to do. Continue rinsing.

P308+313 - IF exposed or concerned:Get medical <advice/attention>.

P312 - Call a POISON CENTER/doctor/..if you feel unwell.

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- P314 Get medical <advice/attention> if you feel unwell.
- P321 Specific treatment (see ... on this label).
- P331 Do not induce vomiting.
- P332+313 If skin irritation occurs:Get medical <advice/attention>.
- P337+313 If eye irritation persists: Get medical <advice/attention>.
- P362 Take off Contaminated clothing.
- P370+378 In case of fire: Use appropriate fire extinguisher to extinguish.
- P391 Collect Spillage.
- P403+233 Store in a well ventilated place. Keep container tightly closed.
- P405 Store locked up.
- P403+235 Store in a well-ventilated place. Keep cool.
- P501 Dispose of contents/container to specialised disposal company.

#### Phrases used in s.2 and s.3: EUH019: May form explosive peroxides.

- EUH066: Repeated exposure may cause skin dryness or cracking.
- H225: Highly flammable liquid and vapour.
- H226: Flammable liquid and vapour.
- H301: Toxic if swallowed.
- H302: Harmful if swallowed.
- H304: May be fatal if swallowed and enters airways.
- H311: Toxic in contact with skin.
- H312: Harmful in contact with skin.
- H315: Causes skin irritation.
- H318: Causes serious eye damage.
- H319: Causes serious eye irritation.
- H331: Toxic if inhaled.
- H332: Harmful if inhaled.
- H335: May cause respiratory irritation.
- H336: May cause drowsiness or dizziness.
- H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
- H361d: Suspected of damaging the unborn child.
- H361f: Suspected of damaging fertility.
- H370: Causes damage to organs <or state all organs affected, if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
- H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
- 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.

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**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.