

Trade name: Armaflex 520

Current version: 3.0.0. issued: 10.09.2014 Replaced version: 3.0.0. issued: 12.08.2014 Region: GB

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

Product identifier

Trade name

Armaflex 520

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

Relevant identified uses of the substance or mixture

Adhesive for processing all flexible Armaflex insulation materials (except HT/Armaflex and Armaflex Ultima)

1.3 Details of the supplier of the safety data sheet

Address

Armacell GmbH

Robert-Bosch-Straße 10 48153 Münster

Telephone no. +49 (0) 251 - 7603-200 +49 (0) 251 - 7603-561 Fax no. Email info.de@armacell.com

Information provided by / telephone

Dr. Heribert Quante, Tel.: +49 (0) 251 - 7603-227

Advice on Safety Data Sheet

heribert.quante@armacell.com

1.4 **Emergency telephone number**

For medical advice (in German and English): +49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Aquatic Chronic 2; H411 Eye Irrit. 2; H319 Flam. Liq. 2; H225 **STOT SE 3: H336**

Classification in accordance with Directive 67/548/EEC or 1999/45/EC

F; R11 R66 **R67** Xi; R36

N: R51/53

2.2 Label elements

<u>Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)</u>

Hazard pictograms









Signal word

Danger

Hazardous component(s) to be indicated on label:

Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane



Trade name: Armaflex 520

Current version: 3.0.0, issued: 10.09.2014 Replaced version: 3.0.0, issued: 12.08.2014 Region: GB

Hazard statements

H225
 H319
 H336
 H34
 H35
 H36
 H37
 H37
 H38
 H49
 H49
 H410
 H411
 H411</l

Hazard statements (EU)

EUH066 Repeated exposure may cause skin dryness or cracking. EUH208 Contains Colophony. May produce an allergic reaction.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P261 Avoid breathing vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

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

P501 Dispose of contents/container in accordance with local and national regulations.

2.3 Other hazards

Vapours can form an explosive mixture with air.

PBT assessment No data available. vPvB assessment No data available.



Trade name: Armaflex 520

Current version: 3.0.0, issued: 10.09.2014 Region: 3.0.0, issued: 12.08.2014 Region: GB

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Hazardous ingredients

No				Add				
	CAS / EC / Index / REACH no	Classification 67/548/EEC	Classification (EC)	Classification (EC) Concentration				
1		·C7, isoalkanes, cyclic						
•	-	F; R11	Aquatic Chronic 2; H411	>	30.00 - <	50.00	%-b.w.	
	926-605-8	N; R51/53	Asp. Tox. 1; H304		33.33	00.00	, 0 2	
	-	Xn; R65	Flam. Liq. 2; H225					
	01-2119486291-36	R66	STOT SE 3; H336					
		R67	, , , , , , , , , , , , , , , , , , , ,					
2	ethyl-acetate							
	141-78-6	F; R11	EUH066	>	10.00 - <	30.00	%-b.w.	
	205-500-4	Xi; R36	Eye Irrit. 2; H319					
	607-022-00-5	R66	Flam. Liq. 2; H225					
	01-2119475103-46	R67	STOT SE 3; H336					
3	acetone		·					
	67-64-1	F; R11	EUH066	>	10.00 - <	30.00	%-b.w.	
	200-662-2	Xi; R36	Eye Irrit. 2; H319					
	606-001-00-8	R66	Flam. Liq. 2; H225					
	01-2119471330-49	R67	STOT SE 3; H336					
4	butanone							
	78-93-3	F; R11	EUH066	>	1.00 - <	5.00	%-b.w.	
	201-159-0	Xi; R36	Eye Irrit. 2; H319					
	606-002-00-3	R66	Flam. Liq. 2; H225					
	01-2119457290-43	R67	STOT SE 3; H336					
5	propan-2-ol							
	67-63-0	F; R11	Eye Irrit. 2; H319	>	1.00 - <	5.00	%-b.w.	
	200-661-7	Xi; R36	Flam. Liq. 2; H225					
	603-117-00-0	R67	STOT SE 3; H336					
	01-2119457558-25							
6	4-tert-butylphenol							
	98-54-4	Repr.Cat.3; R62	Aquatic Chronic 1; H410	>	0.50 - <	1.00	%-b.w.	
	202-679-0	Xi; R41	Eye Dam. 1; H318					
	-	Xi; R37/38	Repr. 2; H361f					
	01-2119489419-21	N; R51/53	Skin Irrit. 2; H315					
			STOT SE 3; H335					
7	Colophony							
	8050-09-7	R43	Skin Sens. 1; H317	>	0.50 - <	1.00	%-b.w.	
	232-475-7							
	650-015-00-7							
l	-							

Full Text for all R-phrases , H-phrases and EUH-phrases: pls. see section 16 $\,$

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of persisting adverse effects, consult a physician. Change contaminated, saturated clothing.

After inhalation

When inhaled remove to fresh air and seek medical aid.

After skin contact

When in contact with the skin, clean with soap and water.



Trade name: Armaflex 520

Current version: 3.0.0, issued: 10.09.2014 Reglaced version: 3.0.0, issued: 12.08.2014 Region: GB

After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart and seek medical advice.

After ingestion

Do not induce vomiting. Call a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray jet; Carbon dioxide; Dry chemical extinguisher; Foam

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon monoxide (CO); Carbon dioxide (CO2)

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Fire residues and contaminated firefighting water must be disposed off in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Exclude sources of ignition and ventilate the area. Do not inhale vapours. Refer to protective measures listed in sections 7 and 8.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil. In case of entry into waterways, soil or drains, inform the responsible authorities.

6.3 Methods and material for containment and cleaning up

Pick up rest with absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). When picked up, treat material as prescribed under heading "Disposal considerations".

6.4 Reference to other sections

No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation, if necessary).

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work.

Advice on protection against fire and explosion

Keep away from sources of ignition - refrain from smoking. Take precautionary measures against static charges.



Trade name: Armaflex 520

Current version: 3.0.0, issued: 10.09.2014 Reglaced version: 3.0.0, issued: 12.08.2014 Region: GB

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep container tightly closed in a cool, well-ventilated place. Protect from heat and direct sunlight.

Storage stability

Value 12 months

Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage.

Advice on storage assembly

Do not store together with: explosive substances; spontaneously combusting substances

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

No	Substance name	CAS no.		EC no.	
1	ethyl-acetate	141-78-6		205-500-4	
	List of approved workplace exposure limits (WELs) /	EH40			
	Ethyl acetate				
	STEL			400	ml/m³
	TWA			200	ml/m³
2	acetone	67-64-1		200-662-2	
	2000/39/EWG				
	Acetone				
	TWA	1210	mg/m³	500	ml/m³
	List of approved workplace exposure limits (WELs) /	EH40			
	Acetone				
	STEL	3620	mg/m³	1500	ml/m³
	TWA	1810	mg/m³	500	ml/m³
3	butanone	78-93-3		201-159-0	
	2000/39/EWG				
	Butanone				
	STEL	900	mg/m³	300	ml/m³
	TWA	600	mg/m³	200	ml/m³
	List of approved workplace exposure limits (WELs) /	EH40			
	Butan-2-one				
	STEL	899	mg/m³	300	ml/m³
	TWA	600	mg/m³	200	ml/m³
	Skin resorption / sensibilisation	Sk			
4	propan-2-ol	67-63-0		200-661-7	
	List of approved workplace exposure limits (WELs) /	EH40			
	Propan-2-ol				
	STEL	1250	mg/m³	500	ml/m³
	TWA	999	mg/m³	400	ml/m³



Trade name: Armaflex 520

Current version: 3.0.0, issued: 10.09.2014 Replaced version: 3.0.0, issued: 12.08.2014 Region: GB

DNEL and PNEC values

DNEL values (worker)

No	Substance name			CAS / EC r	10
	Route of exposure	Exposure time	Effect	Value	
1	Hydrocarbons, C6-C7,	isoalkanes, cyclics, <5% n	-hexane	-	
				926-605-8	
	dermal	Long term (chronic)	systemic	13964	mg/kg/day
	inhalative	Long term (chronic)	systemic	5306	mg/m³
2	ethyl-acetate			141-78-6 205-500-4	
	dermal	Long term (chronic)	systemic	63	mg/kg/day
	inhalative	Short term (acut)	systemic	1468	mg/m³
	inhalative	Long term (chronic)	local	734	mg/m³
	inhalative	Short term (acut)	local	1468	mg/m³
	inhalative	Long term (chronic)	systemic	734	mg/m³
3	acetone			67-64-1 200-662-2	
	dermal	Long term (chronic)	systemic	186	mg/kg/day
	inhalative	Short term (acut)	local	2420	mg/m³
	inhalative	Short term (acut)	systemic	1210	mg/m³
4	butanone			78-93-3 201-159-0	
	dermal	Long term (chronic)	systemic	1161.00	mg/kg/day
	inhalative	Long term (chronic)	systemic	600.00	mg/m³
5	propan-2-ol			67-63-0 200-661-7	-
	dermal	Long term (chronic)	systemic	888	mg/kg/day
	inhalative	Long term (chronic)	systemic	500	mg/m³
6	4-tert-butylphenol	, , , , , , , , , , , , , , , , ,		98-54-4	
				202-679-0	
	dermal	Long term (chronic)	systemic	0.071	mg/kg/day
	inhalative	Long term (chronic)	systemic	0.5	mg/m³



Trade name: Armaflex 520

Current version: 3.0.0, issued: 10.09.2014 Replaced version: 3.0.0, issued: 12.08.2014 Region: GB

DNEL value (consumer)

No	Substance name	CAS / EC I	no		
	Route of exposure	Exposure time	Effect	Value	
1	Hydrocarbons, C6-C7,	isoalkanes, cyclics, <5% n	-hexane	- 926-605-8	
	oral	Long term (chronic)	systemic	1301	mg/kg/day
	dermal	Long term (chronic)	systemic	1377	mg/kg/day
	inhalative	Long term (chronic)	systemic	1131	mg/m³
2	ethyl-acetate			141-78-6 205-500-4	
	oral	Long term (chronic)	systemic	4.5	mg/kg/day
	dermal	Long term (chronic)	systemic	37	mg/kg/day
	inhalative	Short term (acut)	systemic	734	mg/m³
	inhalative	Long term (chronic)	local	367	mg/m³
	inhalative	Short term (acut)	local	734	mg/m³
	inhalative	Long term (chronic)	systemic	367	mg/m³
3	acetone			67-64-1 200-662-2	
	oral	Long term (chronic)	systemic	62	mg/kg/day
	dermal	Long term (chronic)	systemic	62	mg/kg/day
	inhalative	Long term (chronic)	systemic	200	mg/m³
4	butanone			78-93-3 201-159-0	
	oral	Long term (chronic)	systemic	31.00	mg/kg/day
	dermal	Long term (chronic)	systemic	412.00	mg/kg/day
	inhalative	Long term (chronic)	systemic	106.00	mg/m³
5	propan-2-ol			67-63-0 200-661-7	
	oral	Long term (chronic)	systemic	26	mg/kg/day
	dermal	Long term (chronic)	systemic	319	mg/kg/day
	inhalative	Long term (chronic)	systemic	89	mg/m³
6	4-tert-butylphenol			98-54-4 202-679-0	
	oral	Long term (chronic)	systemic	0.026	mg/kg/day
	dermal	Long term (chronic)	systemic	0.026	mg/kg/day
	inhalative	Long term (chronic)	systemic	0.09	mg/m³



Trade name: Armaflex 520

Current version: 3.0.0, issued: 10.09.2014 Replaced version: 3.0.0, issued: 12.08.2014 Region: GB

PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Туре	Value	
1	ethyl-acetate	1.360	141-78-6	
-			205-500-4	
	water	fresh water	0.26	mg/l
	water	marine water	0.026	mg/l
	water	Aqua intermittent	1.65	mg/l
	water	fresh water sediment	1.25	mg/kg
	water	marine water sediment	0.125	mg/kg
	soil	-	0.24	mg/kg
	sewage treatment plant	-	650	mg/l
	secondary poisoning	-	200	mg/kg
2	acetone		67-64-1 200-662-2	
	water	fresh water	10.6	mg/l
	water	marine water	1.06	mg/l
	water	Aqua intermittent	21	mg/l
	water	fresh water sediment	30.4	mg/kg
	water	marine water sediment	3.04	mg/kg
	soil	-	29.5	mg/kg
	sewage treatment plant	-	100	mg/l
3	butanone		78-93-3	Ŭ
			201-159-0	
	water	fresh water	55.80	mg/l
	water	marine water	55.80	mg/l
	water	Aqua intermittent	55.8	mg/l
	water	fresh water sediment	284.74	mg/kg
	with reference to: dry weight			
	water	marine water sediment	284.7	mg/kg
	with reference to: dry weight			
	soil	-	22.5	mg/kg
	with reference to: dry weight			
	sewage treatment plant	-	709	mg/l
	secondary poisoning	-	1000	mg/kg
	with reference to: food			
4	propan-2-ol		67-63-0 200-661-7	
	water	fresh water	140.9	mg/l
	water	marine water	140.9	mg/l
	water	fresh water sediment	552	mg/l
	water	marine water sediment	552	mg/l
	soil	-	28	mg/kg
	sewage treatment plant	-	2251	mg/l
	secondary poisoning	-	160	mg/kg
	with reference to: food			
5	4-tert-butylphenol		98-54-4 202-679-0	
	water	fresh water	0.01	mg/l
	water	marine water	0.001	mg/l
	water	Aqua intermittent	0.048	mg/l
	water	fresh water sediment	0.975	mg/kg
	water	marine water sediment	0.0975	mg/kg
	soil	-	0.324	mg/kg
	with reference to: dry weight			
	sewage treatment plant	-	1.5	mg/l



Trade name: Armaflex 520

Current version: 3.0.0, issued: 10.09.2014 Reglaced version: 3.0.0, issued: 12.08.2014 Region: GB

8.2 Exposure controls

Appropriate engineering controls

No data available.

Personal protective equipment

Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of insufficient ventilation and during spray application respiratory protection necessary. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Respirator A-P2

Eye / face protection

Safety glasses with side protection shield (EN 166)

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product . Before use, the protective gloves should be tested in any case for its specific workstation suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves. In case of short-term contact / splash protection:

Appropriate Material

Breakthrough time 30 - 120 min.

Polychloroprene

Other

Normal chemical work clothing.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form/Colour					
liquid					
beige					
Odour					
of solvents					
Odour threshold					
No data available					
pH value	pH value				
No data available					
Boiling point / boiling range					
Value	>	56	°C		
Melting point / melting range					
No data available					
Decomposition point / decomposition range					
No data available					
Flash point					
Value	appr.	-20	°C		
Method	closed cup				



Trade name: Armaflex 520

Current version: 3.0.0, issued: 10.09.2014 Replaced version: 3.0.0, issued: 12.08.2014 Region: GB

A 4 1 101 10 10 10 10 10 10 10 10 10 10 10			
Auto-ignition temperature No data available			
Oxidising properties			
No data available			
Explosive properties			
No data available			
Flammability (solid, gas)			
No data available			
Lower flammability or explosive limits			
Value	appr.	1	% vol
Upper flammability or explosive limits			
Value	appr.	13	% vol
	тарріі		70 101
Vapour pressure Value		1100	hPa
Reference temperature	<	1100 50	°C
		30	C
Vapour density			
No data available			
Evaporation rate			
No data available			
Relative density			
No data available			
Density			
Value	appr.	0.9	g/cm ³
Reference temperature		20	°C
Solubility in water			
Reference temperature		20	°C
Remarks	slightly soluble		
Solubility(ies)			
No data available			
Partition coefficient: n-octanol/water No data available			
Viscosity			
No data available			

9.2 Other information

Other information
No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Dangerous reactions are not expecting handling the product according to its intended use.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

Possibility of hazardous reactions None, if handled according to order.



Trade name: Armaflex 520

Current version: 3.0.0, issued: 10.09.2014 Replaced version: 3.0.0, issued: 12.08.2014 Region: GB

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

Oxidizing agents

10.6 Hazardous decomposition products

None, if handled according to order

SECTION 11: Toxicological information

11.1 Information on toxicological effects

						- 5	
Acute	oral	to	cicit	ty			

No data available

Acute dermal toxicity

No data available

Acute inhalational toxicity

No data available

Skin corrosion/irritation

No data available

Serious eye damage/irritation

No data available

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Reproduction toxicity

No data available

Carcinogenicity

No data available

STOT-single exposure

No data available

STOT-repeated exposure

No data available

Aspiration hazard

No data available



Trade name: Armaflex 520

Current version: 3.0.0, issued: 10.09.2014 Reglaced version: 3.0.0, issued: 12.08.2014 Region: GB

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)

No data available

Toxicity to fish (chronic)

No data available

Toxicity to Daphnia (acute)

No data available

Toxicity to Daphnia (chronic)

No data available

Toxicity to algae (acute)

No data available

Toxicity to algae (chronic)

No data available

Bacteria toxicity

No data available

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment					
PBT assessment	No data available.				
vPvB assessment	No data available.				

12.6 Other adverse effects

No data available.

12.7 Other information

Other information

Do not discharge product unmonitored into the environment.

Do not discharge into the drains or waters and do not store on public depositories.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.



Trade name: Armaflex 520

Current version: 3.0.0, issued: 10.09.2014 Reglaced version: 3.0.0, issued: 12.08.2014 Region: GB

SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

Class Classification code F1 Packing group Ш Hazard identification no. 33 **UN** number UN1133 **ADHESIVES** Technical name Special Provision 640 640D Tunnel restriction code D/E Label

Environmentally hazardous Symbol "fish and tree"

substance mark

14.2 Transport IMDG

Class 3
Packing group II
UN number UN1133
Proper shipping name ADHESIVES

Danger releasing substance Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane

EmS F-E+S-D

Label 3

Marine pollutant mark Symbol "fish and tree"

14.3 Transport ICAO-TI / IATA

Class 3 Packing group II

UN number UN1133
Proper shipping name Adhesives

Label 3

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

SECTION 15: Regulatory information

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

Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances

Remarks

Annex I, part 2, category 7 b

15.2 Chemical safety assessment

No data available.



Trade name: Armaflex 520

Current version: 3.0.0, issued: 10.09.2014 Reglaced version: 3.0.0, issued: 12.08.2014 Region: GB

SECTION 16: Other information

Further information

Authors responsible for the compilation of the material safety data sheet: UMCO Umwelt Consult GmbH - D-21107 Hamburg, Georg-Wilhelm-Strasse 183, Tel.: +49(40)79 02 36 300, Fax: +49(40)79 02 36 357, e-mail: umco@umco.de.

The information is based on our current knowledge however it does not represent a guarantee of product properties nor does it create any legal obligation.

Sources of key data used to compile the data sheet:

EC Directive 67/548/EC resp. 1999/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

Full text of the R-, H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

R11 Highly flammable. R36 Irritating to eyes.

R37/38 Irritating to respiratory system and skin.

R41 Risk of serious damage to eyes.

R43 May cause sensitisation by skin contact.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic

environment.

R62 Possible risk of impaired fertility.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.
H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.
 H318 Causes serious eye damage.
 H335 May cause respiratory irritation.
 H361f Suspected of damaging fertility.

H410 Very toxic to aquatic life with long lasting effects.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.