

Page 1/11

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# Safety data sheet according to 1907/2006/EC, Article 31

Printing date 08.06.2022

Version number 2 (replaces version 1)

Revision: 30.03.2022

	ıtifier
Trade name: <u>M</u>	OTIP CLEAR VARNISH MATT 500 ML
No further releve Sector of Use SU21 Consume SU22 Professio Product categor PROC7 Industr PROC11 Non i	ntified uses of the substance or mixture and uses advised against ant information available. Tr uses: Private households / general public / consumers onal uses: Public domain (administration, education, entertainment, services, craftsmen) y Paint remover y
Manufacturer/S European Aeros Wolfraamweg 2 NL-8471 XC Wo The Netherlands Tel:+31 (0)561	ols B.V.* lvega
*Formerly know	n as Motip Dupli B.V.
· 1.4 Emergency t	<b>ution obtainable from:</b> Department Product Safety t <b>elephone number:</b> 400 (09:00h - 17:00h)
UK: NPIS Natio	nal Poisons Information Centre Tel: +44 0344 892 0111
SECTION 2.	Hazards identification
· 2.1 Classificatio	n of the substance or mixture ccording to Regulation (EC) No 1272/2008
· 2.1 Classificatio · Classification ad	
• 2.1 Classificatio • Classification ad	ccording to Regulation (EC) No 1272/2008 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated
2.1 Classification ac Classification ac flame Aerosol 1	ccording to Regulation (EC) No 1272/2008 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated

Page 2/11

# Safety data sheet according to 1907/2006/EC, Article 31

Printing date 08.06.2022

*Version number 2 (replaces version 1)* 

Revision: 30.03.2022

## Trade name: MOTIP CLEAR VARNISH MATT 500 ML

STOT SE 3	(Contd. of pa H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.
Aquatic Chronie	c 3 H412 Harmful to aquatic life with long lasting effects.
	ding to Regulation (EC) No 1272/2008 Classified and labelled according to the GB CLP regulation.
GHS02 GHS	505 GHS07
Signal word Da	
·	
butan-1-ol	ining components of labelling:
Hydrocarbons,	C9. aromatics
xylene	
•	C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane
Hazard stateme	•
H222-H229 Ext	remely flammable aerosol. Pressurised container: May burst if heated.
H315 Cat	uses skin irritation.
H318 Cat	uses serious eye damage.
	y cause respiratory irritation. May cause drowsiness or dizziness.
	rmful to aquatic life with long lasting effects.
Precautionary s	
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. N smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P260	Do not breathe spray.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection.
P302+P352 P305+P351+P3	IF ON SKIN: Wash with plenty of water. 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses,
P312	present and easy to do. Continue rinsing. Call a POISON CENTER/doctor if you feel unwell.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents / container in accordance with regional regulations.
Additional info	
	osive mixtures possible without sufficient ventilation.
2.3 Other hazar	
D 1. (DD7	and vPvB assessment

(Contd. on page 3)

Page 3/11

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 08.06.2022

Version number 2 (replaces version 1)

Revision: 30.03.2022

## Trade name: MOTIP CLEAR VARNISH MATT 500 ML

(Contd. of page 2)

• •	es listed below with nonhazardous additions.	
Dangerous components:		
CAS: 115-10-6 EINECS: 204-065-8 Index number: 603-019-00-8 Reg.nr.: 01-2119472128-37	dimethyl ether Flam. Gas 1A, H220 Press. Gas (Comp.), H280	50-<75%
EC number: 918-668-5 Reg.nr.: 01-2119455851-35	Hydrocarbons, C9, aromatics Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 STOT SE 3, H335-H336 EUH066	10-<12.5%
EC number: 921-024-6 Reg.nr.: 01-2119475514-35	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane Flam. Liq. 2, H225 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 Skin Irrit. 2, H315; STOT SE 3, H336	5-<10%
EC number: 905-588-0 Reg.nr.: 01-2119488216-32-xxxx	xylene Flam. Liq. 3, H226 STOT RE 2, H373; Asp. Tox. 1, H304 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	5-<10%
CAS: 71-36-3 EINECS: 200-751-6 Index number: 603-004-00-6 Reg.nr.: 01-2119484630-38	butan-1-ol ◆ Flam. Liq. 3, H226 ◆ Eye Dam. 1, H318 ◆ Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335-H336	5-<10%
CAS: 100-41-4 EINECS: 202-849-4 Index number: 601-023-00-4 Reg.nr.: 01-2119489370-35	ethylbenzene Flam. Liq. 2, H225 STOT RE 2, H373; Asp. Tox. 1, H304 Acute Tox. 4, H332 Aquatic Chronic 3, H412	<2.5%

## **SECTION 4: First aid measures**

• 4.1 Description of first aid measures

• After inhalation: In case of unconsciousness place patient stably in side position for transportation.

- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · After eye contact:

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*Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. Rinse opened eye for several minutes under running water. Then consult a doctor.* 

• After swallowing: Drink plenty of water and provide fresh air. Call for a doctor immediately.

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

No further relevant information available.

• 4.3 Indication of any immediate medical attention and special treatment needed No further relevant information available.

(Contd. on page 4)

Printing date 08.06.2022

Version number 2 (replaces version 1)

Revision: 30.03.2022

## Trade name: MOTIP CLEAR VARNISH MATT 500 ML

(Contd. of page 3)

## **SECTION 5: Firefighting measures**

- · 5.1 Extinguishing media
- · Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
- · 5.2 Special hazards arising from the substance or mixture
- During heating or in case of fire poisonous gases are produced.
- · 5.3 Advice for firefighters -
- *Protective equipment: Mouth respiratory protective device.*

## **SECTION 6:** Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures Mount respiratory protective device.
  Wear protective equipment. Keep unprotected persons away.
  Keep away from ignition sources.
  6.2 Environmental precautions: Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.
  6.3 Methods and material for containment and cleaning up:
- Use neutralising agent. Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.
- 6.4 Reference to other sections
   See Section 7 for information on safe handling.
   See Section 8 for information on personal protection equipment.
   See Section 13 for disposal information.

## SECTION 7: Handling and storage

- 7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.
- Information about fire and explosion protection: Do not spray onto a naked flame or any incandescent material. Keep ignition sources away - Do not smoke. Keep respiratory protective device available.
- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles:
- Observe official regulations on storing packagings with pressurised containers.
- Information about storage in one common storage facility: Not required.
   Further information about storage conditions: Keep container tightly sealed.
- Storage class: 2 B
- 7.3 Specific end use(s) No further relevant information available.

## SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

## · Ingredients with limit values that require monitoring at the workplace:

## 115-10-6 dimethyl ether

- WEL Short-term value: 958 mg/m<sup>3</sup>, 500 ppm
  - Long-term value: 766 mg/m<sup>3</sup>, 400 ppm

(Contd. on page 5)

Printing date 08.06.2022

Version number 2 (replaces version 1)

Revision: 30.03.2022

## Trade name: MOTIP CLEAR VARNISH MATT 500 ML

(Contd. of page 4
xylene
WEL Short-term value: 441 mg/m <sup>3</sup> , 100 ppm
Long-term value: $220 \text{ mg/m}^3$ , $50 \text{ ppm}$
Sk; BMGV
71-36-3 butan-1-ol
WEL Short-term value: 154 mg/m <sup>3</sup> , 50 ppm
Sk
100-41-4 ethylbenzene
WEL Short-term value: 552 mg/m <sup>3</sup> , 125 ppm
Long-term value: 441 mg/m <sup>3</sup> , 100 ppm
Sk
Ingredients with biological limit values:
xylene
BMGV 650 mmol/mol creatinine
Medium: urine
Sampling time: post shift
Parameter: methyl hippuric acid
• Additional information: The lists valid during the making were used as basis.
· 8.2 Exposure controls
• Appropriate engineering controls No further data; see item 7.
Individual protection measures, such as personal protective equipment
· General protective and hygienic measures:
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
Avoid contact with the skin.
Avoid contact with the eyes and skin.
Avoid contact with the eyes.
· Respiratory protection:
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Filter A2/P3
• Hand protection



Protective gloves

## · Material of gloves

Butyl rubber, BR The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

## · Penetration time of glove material

Butyl rubber gloves with a thickness of 0.4 mm are resistant to: Acetone: 480 min Butyl acetate: 60 min Ethyl acetate: 170 min Xylene: 42 min Butyl rubber gloves with a thickness of 0.4 mm are solvent resistant for 42- 480 minutes. As protective measure, we recommend that users and responsible persons for work safety assume solvent resistance b

measure, we recommend that users and responsible persons for work safety assume solvent resistance length of 42 minutes. Considering the data in section 3 of this SDS, one can assume longer resistance length in particular cases.

(Contd. on page 6)

GB

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# Safety data sheet according to 1907/2006/EC, Article 31

Printing date 08.06.2022

Version number 2 (replaces version 1)

Revision: 30.03.2022

## Trade name: MOTIP CLEAR VARNISH MATT 500 ML

Eye/face protection	(Contd. of page
Tightly sealed goggles	
Tignity sected goggies	
SECTION 9: Physical and chemical prop	ortios
9.1 Information on basic physical and chemical p General Information	roperues
Physical state	Aerosol
Colour:	Colourless
Odour:	Solvent-like
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling	
range	Not applicable, as aerosol.
Flammability	Not applicable.
Lower and upper explosion limit	
Lower:	0.7 Vol % (Hydrocarbons, C9, aromatics)
Upper:	26.2 Vol % (115-10-6 dimethyl ether)
Flash point:	Not applicable, as aerosol.
Ignition temperature:	>200 °C (>392 °F) (Hydrocarbons, C6-C7, n-alkanes
	isoalkanes, cyclics, <5% n-hexane)
Decomposition temperature:	Not determined.
pH -	Not determined.
Viscosity:	
Kinematic viscosity	Not determined.
Dynamic:	Not determined.
Solubility	
water:	Not miscible or difficult to mix.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure at 20 °C (68 °F):	4000 hPa (3000.2 mm Hg)
Density and/or relative density	
Density at 20 °C (68 °F):	0.8 g/cm <sup>3</sup> (6.7 lbs/gal)
Relative density	Not determined.
Vapour density	Not determined.
9.2 Other information	
Appearance:	
Form:	Aerosol
Important information on protection of health and	d
environment, and on safety.	
Explosive properties:	Not determined.
Solvent content:	
Organic solvents:	88.1 %
VOC (EC)	
	661.9 g/l
VOC-EU%	88.14 %
Solids content:	11.7 %
Change in condition	NY 11 11
Evaporation rate	Not applicable.
Information with regard to physical hazard classe	
Explosives	Void
	(Contd. on page

Printing date 08.06.2022

Version number 2 (replaces version 1)

Revision: 30.03.2022

#### Trade name: MOTIP CLEAR VARNISH MATT 500 ML

	(Contd. of page 6)
· Flammable gases	Void
· Aerosols	Extremely flammable aerosol. Pressurised container:
	May burst if heated.
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flamma	ble
gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

## SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

· 10.2 Chemical stability

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• Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

- · 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid No further relevant information available.
- $\cdot$  10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products: No dangerous decomposition products known.

## **SECTION 11: Toxicological information**

· 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

· Acute toxicity

· LD/LC50	· LD/LC50 values relevant for classification:	
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane		
Oral	LD50	>5840 mg/kg (rat)
Dermal	LD50	>2920 mg/kg (rab)
Inhalative	LC50 / 4h	>25.2 mg/l (rat)
xylene		
Oral	LD50	3523 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)
Inhalative	LC50 / 4 h	29000 mg/m3 (rat)
71-36-3 bu	tan-1-ol	
Oral	LD50	2292 mg/kg (rat)
Dermal	LD50	3430 mg/kg (rabbit)
Inhalative	LC50 / 4 h	17000 mg/m3 (rat)
100-41-4 e	thylbenzene	
Oral	LD50	3500 mg/kg (rat)
• Skin corrosion/irritation Causes skin irritation. • Serious eye damage/irritation Causes serious eye damage.		

· Respiratory or skin sensitisation No sensitising effects known.

(Contd. on page 8)

GB

Printing date 08.06.2022

*Version number 2 (replaces version 1)* 

Revision: 30.03.2022

(Contd. of page 7)

## Trade name: MOTIP CLEAR VARNISH MATT 500 ML

- STOT-single exposure May cause respiratory irritation. May cause drowsiness or dizziness.
- $\cdot$  11.2 Information on other hazards
- Endocrine disrupting properties
- None of the ingredients is listed.

## SECTION 12: Ecological information

- · 12.1 Toxicity
- Aquatic toxicity:
- 115-10-6 dimethyl ether
- EC50 / 96 h 155 mg/l (algae)
- LC50/48 h >4000 mg/l (daphnia magna)
- LC50/96 h >4000 mg/l (fish)
- Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane
- EC50 / 48 h 3 mg/l (daphnia magna)
- EC50 / 72 h 30-100 mg/l (algae)
- LC50/96 h 11.4 mg/l (fish)

#### xylene

- EC50 / 48 h 7.4 mg/l (daphnia magna)
- LC50/96 h 13.5 mg/l (fish)
- 71-36-3 butan-1-ol
- LC50 / 96 h 1376 mg/l (fish)
- · 12.2 Persistence and degradability No further relevant information available.
- · 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.
- · 12.5 Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- **vPvB:** Not applicable.
- · 12.6 Endocrine disrupting properties
- The product does not contain substances with endocrine disrupting properties.
- · 12.7 Other adverse effects
- · Remark: Harmful to fish
- · Additional ecological information:
- · General notes:
- Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Must not reach sewage water or drainage ditch undiluted or unneutralised. Danger to drinking water if even small quantities leak into the ground. Harmful to aquatic organisms

## **SECTION 13: Disposal considerations**

- · 13.1 Waste treatment methods
- · Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- · Uncleaned packaging:
- · Recommendation:

Disposal must be made according to official regulations.

(Contd. on page 9)

Page 9/11

\*

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 08.06.2022

*Version number 2 (replaces version 1)* 

Revision: 30.03.2022

(Contd. of page 8)

## Trade name: MOTIP CLEAR VARNISH MATT 500 ML

Disposal must be made according to official regulations.

SECTION 14: Transport information	
14.1 UN number or ID number	
· ADR, IMDG, IATA	UN1950
· 14.2 UN proper shipping name	
·ADR	1950 AEROSOLS
· IMDG	AEROSOLS
· IATA	AEROSOLS, flammable
· 14.3 Transport hazard class(es)	
· ADR	
· Class	2 5F Gases.
· Label	2.1
· IMDG, IATA	
· Class	2.1 Gases.
· Label	2.1
· 14.4 Packing group · ADR, IMDG, IATA	not regulated
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user	Warning: Gases.
• Hazard identification number (Kemler code):	-
· EMS Number:	F-D,S-U
· Stowage Code	SW1 Protected from sources of heat.
	SW22 For AEROSOLS with a maximum capacity of 1
	litre: Category A. For AEROSOLS with a capacity
	above 1 litre: Category B. For WASTE AEROSOLS:
· Segregation Code	Category C, Clear of living quarters. SG69 For AEROSOLS with a maximum capacity of 1
Segregation Coue	litre:
	Segregation as for class 9. Stow "separated from" clas
	1 except for division 1.4.
	For AEROSOLS with a capacity above 1 litre:
	Segregation as for the appropriate subdivision of class
	2. Ear WASTE AEROSOLS.
	For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class
	2.
· 14.7 Maritime transport in bulk according to IM	10
instruments	Not applicable.
	(Contd. on page )

Page 10/11

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 08.06.2022

Version number 2 (replaces version 1)

Revision: 30.03.2022

Trade name: MOTIP CLEAR VARNISH MATT 500 ML

	(Contd. of page 9
Transport/Additional information:	
ADR	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E0
	Not permitted as Excepted Quantity
	Code: E0
	Not permitted as Excepted Quantity
Transport category	2
Tunnel restriction code	D
IMDG	
Limited quantities (LQ)	IL
Excepted quantities $(\widetilde{EQ})$	Code: E0
	Not permitted as Excepted Quantity
	Code: E0
	Not permitted as Excepted Quantity
UN ''Model Regulation'':	UN 1950 AEROSOLS, 2.1

## **SECTION 15: Regulatory information**

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

· Directive 2012/18/EU

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- · Named dangerous substances ANNEX I None of the ingredients is listed.
- · Seveso category P3a FLAMMABLE AEROSOLS
- $\cdot$  Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- · National regulations:

· Other regulations, limitations and prohibitive regulations

· Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients is listed.

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## **SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### · Relevant phrases

- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H280 Contains gas under pressure; may explode if heated.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H411 Toxic to aquatic life with long lasting effects.

(Contd. on page 11)

GB

Page 11/11

# Safety data sheet according to 1907/2006/EC, Article 31

Printing date 08.06.2022

Version number 2 (replaces version 1)

Revision: 30.03.2022

## Trade name: MOTIP CLEAR VARNISH MATT 500 ML

	(Contd. of pag
	ife with long lasting effects.
EUH066 Repeated exposure m	nay cause skin dryness or cracking.
Department issuing SDS: R&	D legislation and regulatory advisor
Contact: e-mail: sds-nl@euro	*
Abbreviations and acronyms:	
RID: Règlement international concern	nant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning th
International Transport of Dangerous	
ICAO: International Civil Aviation Or	0
ADR: Accord relatif au transport inter	rnational des marchandises dangereuses par route (European Agreement Concerning the
International Carriage of Dangerous	
IMDG: International Maritime Code f	
IATA: International Air Transport Ass	
	f Classification and Labelling of Chemicals
	ting Commercial Chemical Substances
ELINCS: European List of Notified Ch	
	ision of the American Chemical Society)
VOC: Volatile Organic Compounds (U	
LC50: Lethal concentration, 50 percent	nt
LD50: Lethal dose, 50 percent	
PBT: Persistent, Bioaccumulative and	
SVHC: Substances of Very High Conc	
vPvB: very Persistent and very Bioacc	
Flam. Gas 1A: Flammable gases – Ca	tegory 1A
Aerosol 1: Aerosols – Category 1	
Press. Gas (Comp.): Gases under pres	
Flam. Liq. 2: Flammable liquids – Car	
Flam. Liq. 3: Flammable liquids – Car	
Acute Tox. 4: Acute toxicity – Categor	
Skin Irrit. 2: Skin corrosion/irritation	
Eye Dam. 1: Serious eye damage/eye	
Eye Irrit. 2: Serious eye damage/eye i	0.
STOT SE 3: Specific target organ toxi	
	icity (repeated exposure) – Category 2
Asp. Tox. 1: Aspiration hazard – Cate	
	aquatic environment - long-term aquatic hazard – Category 2
	aquatic environment - long-term aquatic hazard – Category 3
* Data compared to the previo	ous version altered.