Page 1/11

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

Printing date 16.05.2018

Version number 59

Revision: 18.01.2018

SECTION 1: I	dentificatio	n of the substance/mixture and of the company/undertaking
· 1.1 Product ident	fier	
· Trade name: <u>MO</u>	TIP® ANTI G	GRAVEL OVERSPRAYABLE MEDIUM SOLID BLACK 500 ML
No further relevan • Sector of Use SU21 Consumer SU22 Profession • Product category • Process category PROC7 Industria PROC11 Non ind	t ified uses of t at information uses: Private al uses: Public PC9a Coatin al spraying lustrial sprayi	households / general public / consumers c domain (administration, education, entertainment, services, craftsmen) ags and paints, thinners, paint removers
• 1.4 Emergency te +31 (0)561-69440	pplier: V. 594400 594411 594411 50tipdupli.com 50 n obtainable 6 lephone numb 50 (09:00h - 12	e from: Department Product Safety per:
UK: NPIS Nationa	u Poisons Inje	ormalion Centre Tel: +44 0544 892 0111
SECTION 2: P	Hazards ider	ntification
• 2.1 Classification • Classification acc	ording to Reg	nce or mixture ulation (EC) No 1272/2008
Aerosol 1	Н222-Н229	Extremely flammable aerosol. Pressurised container: May burst if heated.
GHS07		
Eye Irrit. 2	rit. 2 H319 Causes serious eye irritation.	
Skin Sens. 1	H317	May cause an allergic skin reaction.
STOT SE 3	H336	May cause drowsiness or dizziness.
Aquatic Chronic 3	H412	Harmful to aquatic life with long lasting effects.
	ng to Regulat	ion (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

(Contd. on page 2) GB Page 2/11

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

Printing date 16.05.2018

Version number 59

Revision: 18.01.2018

Trade name: MOTIP® ANTI GRAVEL OVERSPRAYABLE MEDIUM SOLID BLACK 500 ML

Hazard n	ictograms (Contd. of page
11u.u.u p	
	\wedge
<u> (19</u>)	
\sim	\mathbf{V}
GHS02	GHS07
Signal w	ord Danger
Hazard-a	letermining components of labelling:
n-butyl a	cetate
Rosin	
acetone	
ethyl ace	tate
Hazard s	tatements
H222-H2	29 Extremely flammable aerosol. Pressurised container: May burst if heated.
H319	Causes serious eye irritation.
H317	May cause an allergic skin reaction.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.
Precautio	onary statements
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No 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.
	112 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents / container in accordance with regional regulations.
	al information:
	Repeated exposure may cause skin dryness or cracking.
2.3 Other	
	f PBT and vPvB assessment
PRT · No	t applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

• Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components:

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· Dangerous components:		
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 Reg.nr.: 01-2119486944-21	propane 🚸 Flam. Gas 1, H220 Press. Gas C, H280	12.5-<20%
CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1 Reg.nr.: 01-2119485493-29	n-butyl acetate Flam. Liq. 3, H226 STOT SE 3, H336	12.5-<20%
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 Reg.nr.: 01-2119474691-32	butane 🔗 Flam. Gas 1, H220 Press. Gas C, H280	5-<10%
		(Contd. on page 3

GB -

Page 3/11

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

Printing date 16.05.2018

Version number 59

Revision: 18.01.2018

Trade name: MOTIP® ANTI GRAVEL OVERSPRAYABLE MEDIUM SOLID BLACK 500 ML

		Contd. of page
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 Reg.nr.: 01-2119485395-27	isobutane Flam. Gas 1, H220 Press. Gas C, H280	5-<10%
CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8 Reg.nr.: 01-2119471330-49	acetone Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	5-<10%
CAS: 141-78-6 EINECS: 205-500-4 Index number: 607-022-00-5 Reg.nr.: 01-2119475103-46	ethyl acetate Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	5-<10%
EC number: 920-750-0 Index number: 649-328-00-1 Reg.nr.: 01-2119473851-33	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics Flam. Liq. 2, H225 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 STOT SE 3, H336	2.5-<5%
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	2.5-<5%
CAS: 8050-09-7 EINECS: 232-475-7 Index number: 650-015-00-7 Reg.nr.: 01-2119480418-32	Rosin Skin Sens. 1, H317	2.5-<5%
CAS: 1330-20-7 EINECS: 215-535-7 Index number: 601-022-00-9 Reg.nr.: 01-2119488216-32	xylene, mixture of isomers Flam. Liq. 3, H226 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	<2.5%

• Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

• After inhalation:

Supply fresh air and to be sure call for a doctor.

- 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.
- 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.

SECTION 5: Firefighting measures

- · 5.1 Extinguishing media
- \cdot Suitable extinguishing agents:
- CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- \cdot 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 -

(Contd. on page 4)

Page 4/11

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

Printing date 16.05.2018

Version number 59

Revision: 18.01.2018

(Contd. of page 3)

Trade name: MOTIP® ANTI GRAVEL OVERSPRAYABLE MEDIUM SOLID BLACK 500 ML

· 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.
- 6.2 Environmental precautions: 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: 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.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

· 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 in one common storage factury. Not required.

• Storage class: 2 B

• 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

• Additional information about design of technical facilities: No further data; see item 7.

· 8.1 Control parameters

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

123-86-4 n-butyl acetate

WEL Short-term value: 966 mg/m³, 200 ppm Long-term value: 724 mg/m³, 150 ppm

106-97-8 butane

WEL Short-term value: 1810 mg/m³, 750 ppm Long-term value: 1450 mg/m³, 600 ppm Carc (if more than 0.1% of buta-1.3-diene)

67-64-1 acetone

WEL Short-term value: 3620 mg/m³, 1500 ppm Long-term value: 1210 mg/m³, 500 ppm

(Contd. on page 5)

GB

Page 5/11

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

Printing date 16.05.2018

Version number 59

Revision: 18.01.2018

Trade name: MOTIP® ANTI GRAVEL OVERSPRAYABLE MEDIUM SOLID BLACK 500 ML

1 1 1	(Contd. of page
	78-6 ethyl acetate
WEL	Short-term value: 400 ppm
	Long-term value: 200 ppm
	-09-7 Rosin
WEL	Short-term value: 0.15 mg/m ³
	Long-term value: 0.05 mg/m^3
	Sen
	-20-7 xylene, mixture of isomers
WEL	Short-term value: 441 mg/m ³ , 100 ppm
	Long-term value: 220 mg/m ³ , 50 ppm
	Sk; BMGV
Ingre	edients with biological limit values:
1330	-20-7 xylene, mixture of isomers
BMG	V 650 mmol/mol creatinine
	Medium: urine
	Sampling time: post shift
	Parameter: methyl hippuric acid
Addi	tional information: The lists valid during the making were used as basis.
8 2 F	xposure controls
	onal protective equipment:
	ral protective and hygienic measures:
	away from foodstuffs, beverages and feed.
	diately remove all soiled and contaminated clothing
	hands before breaks and at the end of work.
Do n	ot inhale gases / fumes / aerosols.
Avoid	l contact with the eyes and skin.
Avoid	l contact with the eyes.
	iratory protection:
	se of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposur
	elf-contained respiratory protective device.
Prote	ection of hands:
ſ	
111	Protective gloves
T 1	
	love material has to be impermeable and resistant to the product/ the substance/ the preparation.
	to missing tests no recommendation to the glove material can be given for the product/ the preparation/
	hemical mixture.
	tion of the glove material on consideration of the penetration times, rates of diffusion and the
-	adation
	rial of gloves election of the suitable gloves does not only depend on the material, but also on further marks of qualit
	election of the suitable gloves does not only depend on the material, but also on juriner marks of quality paries from manufacturer to manufacturer. As the product is a preparation of several substances, the
	arres from manufacturer to manufacturer. As the product is a preparation of several substances, the cance of the glove material can not be calculated in advance and has therefore to be checked prior to th
αννιι	cation.

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

(Contd. on page 6) GB Page 6/11

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

Printing date 16.05.2018

Version number 59

Revision: 18.01.2018

Trade name: MOTIP® ANTI GRAVEL OVERSPRAYABLE MEDIUM SOLID BLACK 500 ML

(Contd. of page 5) · Eye protection: Tightly sealed goggles **SECTION 9: Physical and chemical properties** · 9.1 Information on basic physical and chemical properties · General Information · Appearance: Form: Aerosol Colour: Black · Odour: Solvent-like · Odour threshold: Not determined. · pH-value: Not determined. · Change in condition *Melting point/freezing point:* Undetermined. Initial boiling point and boiling range: Not applicable, as aerosol. $<0 \ ^{\circ}C \ (<32 \ ^{\circ}F)$ · Flash point: Not applicable, as aerosol. · Flammability (solid, gas): Not applicable. · Ignition temperature: 365 °C (689 °F) · Decomposition temperature: Not determined. • Auto-ignition temperature: Product is not selfigniting. · Explosive properties: Product is not explosive. However, formation of explosive air/ vapour mixtures are possible. · Explosion limits: Lower: 1.2 Vol % 10.9 Vol % Upper: · Vapour pressure at 20 °C (68 °F): 8 hPa (6 mm Hg) • Density at 20 •C (68 •F): 0.84 g/cm³ (7.01 lbs/gal) Not determined. · Relative density Not determined. · Vapour density Not applicable. · Evaporation rate · Solubility in / Miscibility with Not miscible or difficult to mix. water: · Partition coefficient: n-octanol/water: Not determined. · Viscosity: Not determined. Dynamic: Not determined. Kinematic: · Solvent content: Organic solvents: 69.2 % · EU-VOC: 579.1 g/l • EU-VOC in %: 69.18 % \cdot VOC (EC) 579.1 g/l · VOC-EU% 69.18 %

(Contd. on page 7)

GB

Page 7/11

*

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

Printing date 16.05.2018

Version number 59

Revision: 18.01.2018

Trade name: MOTIP® ANTI GRAVEL OVERSPRAYABLE MEDIUM SOLID BLACK 500 ML

(Contd. of page 6)

Solids content:
9.2 Other information

30.7 % *No further relevant information available.*

SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

· 10.2 Chemical stability

• 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.

• 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 toxicological effects

• Acute toxicity Based on available data, the classification criteria are not met.

Tente toxt	The towned based on a fundate data, the classification of the first a decision of the first and the first states of the first		
· LD/LC50	values relev	ant for classification:	
123-86-4 n	123-86-4 n-butyl acetate		
Oral	LD50	10,800 mg/kg (rat)	
Dermal	LD50	>17,600 mg/kg (rabbit)	
Inhalative	LC50 / 4h	1.85 mg/l (rat)	
67-64-1 ac	67-64-1 acetone		
Oral	LD50	5,800 mg/kg (rat)	
Dermal	LD50	>15,800 mg/kg (rabbit)	
Inhalative	LC50 / 4h	76 mg/l (rat)	
1330-20-7	xylene, mix	cture of isomers	
Oral	LD50	3,523 mg/kg (rat)	
Dermal	LD50	2,000 mg/kg (rabbit)	
Inhalative	LC50 / 4 h	29,000 mg/m3 (rat)	
· Primary ir			
 Skin corro 	sion/irritati	ion Based on available data, the classification criteria are not met.	
· Serious ey	e damage/ir	ritation	
Causes ser	ious eye irri	itation.	
· Respirator	y or skin se	nsitisation	
May cause	May cause an allergic skin reaction.		
•		genity, mutagenicity and toxicity for reproduction)	
		ty Based on available data, the classification criteria are not met.	
	• Carcinogenicity Based on available data, the classification criteria are not met.		

• *Reproductive toxicity Based on available data, the classification criteria are not met.*

· STOT-single exposure

May cause drowsiness or dizziness.

• STOT-repeated exposure Based on available data, the classification criteria are not met.

• Aspiration hazard Based on available data, the classification criteria are not met.

(Contd. on page 8)

Page 8/11

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

Printing date 16.05.2018

Version number 59

Revision: 18.01.2018

Trade name: MOTIP® ANTI GRAVEL OVERSPRAYABLE MEDIUM SOLID BLACK 500 ML

(Contd. of page 7)

		(Contd. of page	
SECTIO	N 12: Ecological information		
• 12.1 Toxi	-		
· Aquatic to	-		
	n-butyl acetate		
	h 81 mg/l (fish)		
67-64-1 a			
LC50/96h	, 0, ,		
EC50/96h	.,		
	h 8,450 mg/l (crustacean (water flea)))	
	xylene, mixture of isomers		
EC50/48	h 7.4 mg/l (daphnia magna)		
	h 13.5 mg/l (fish)		
	stence and degradability No further re		
	ccumulative potential No further relev		
	lity in soil No further relevant informa	tion available.	
· Ecotoxica	l effects: Harmful to fish		
	l ecological information:		
· General n			
	ard class 2 (German Regulation) (Self-	assessment): hazardous for water	
	ow product to reach ground water, wa		
	drinking water if even small quantities		
	o aquatic organisms		
	lts of PBT and vPvB assessment		
	applicable.		
	t applicable.		
• 12.6 Othe	r adverse effects No further relevant in	formation available.	
SECTIO	N 13: Disposal considerations		
SLUIIO	11 15. Disposal consuctations		
	e treatment methods		
· Recomme			
Must not l	e disposed together with household ga	urbage. Do not allow product to reach sewage system.	
	waste catalogue		
08 01 11*	, î	rganic solvents or other hazardous substances	
15 01 04	metallic packaging		
15 01 11*			
	d packaging: ndation: Non contaminated packaging	s may be recycled.	
SECTIC	N 14: Transport information		
• 14.1 UN-1			
· ADR, IMI	DG, IATA	UN1950	
• 14.2 UN p	roper shipping name		
· ADR		1950 AEROSOLS	
·IMDG		AEROSOLS	
IATA		AFPOSOLS flammable	

AEROSOLS, flammable

(Contd. on page 9) GB Page 9/11

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

Printing date 16.05.2018

Version number 59

Revision: 18.01.2018

Trade name: MOTIP® ANTI GRAVEL OVERSPRAYABLE MEDIUM SOLID BLACK 500 ML

	(Contd. of pag
14.3 Transport hazard class(es)	
ADR	
2	
Class	2 5F Gases.
Label	2 5F Gases. 2.1
IMDG, IATA	
2	
Class	2.1
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.
Danger code (Kemler):	-
EMS Number:	F-D,S-U
Stowage Code	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litr
	Category A. For AEROSOLS with a maximum capacity of 1 litr
	Category B. For WASTE AEROSOLS: Category C, Clear
	of living quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 litr
	Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity
	above 1 litre: Segregation as for the appropriate
	subdivision of class 2. For WASTE AEROSOLS:
	Segregation as for the appropriate subdivision of class 2.
14.7 Transport in bulk according to Anne	x II of
Marpol and the IBC Code	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	
Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
	<i>Not permitted as Excepted Quantity</i> <i>Code: E0</i>
	Not permitted as Excepted Quantity
Transport category	2
Tunnel restriction code	D
IMDG	
Limited quantities (LQ)	
Excepted quantities (EQ)	Code: E0
	<i>Not permitted as Excepted Quantity</i> <i>Code: E0</i>
	<i>Not permitted as Excepted Quantity</i>
	permitted as Encopied Summitty

Page 10/11

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

Printing date 16.05.2018

Version number 59

Revision: 18.01.2018

Trade name: MOTIP® ANTI GRAVEL OVERSPRAYABLE MEDIUM SOLID BLACK 500 ML

(Contd. of page 9)

· UN ''Model Regulation'':

UN 1950 AEROSOLS, 2.1

SECTION 15: Regulatory information

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

· Directive 2012/18/EU

- · Named dangerous substances ANNEX I None of the ingredients is listed.
- · Seveso category P3a FLAMMABLE AEROSOLS
- Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3, 40

· 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. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects. · Department issuing SDS: R&D legislation and regulatory advisor · Contact: K. Smedeman · Abbreviations and acronyms: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic SVHC: Substances of Very High Concern vPvB: very Persistent and very Bioaccumulative

Flam. Gas 1: Flammable gases – Category 1 Aerosol 1: Aerosols – Category 1

(Contd. on page 11)

GB

Page 11/11

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

Printing date 16.05.2018

Version number 59

Revision: 18.01.2018

(Contd. of page 10)

Trade name: MOTIP® ANTI GRAVEL OVERSPRAYABLE MEDIUM SOLID BLACK 500 ML

Press. Gas C: Gases under pressure – Compressed gas Flam. Liq. 2: Flammable liquids – Category 2 Flam. Liq. 3: Flammable liquids – Category 3 Acute Tox. 4: Acute toxicity – Category 4 Skin Irrit. 2: Skin corrosion/irritation – Category 2 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2 Skin Sens. 1: Skin sensitisation – Category 1 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 Asp. Tox. 1: Aspiration hazard – Category 1 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

 \cdot * Data compared to the previous version altered.