

Page 1/10

*

*

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

Printing date 15.01.2024

Version number 8 (replaces version 7)

Revision: 15.01.2024

SECTION .	1: Identification of the substance/mixture and of the company/undertaking
1.1 Product ia	lentifier
Trade name:	MOTIP RADIATOR 400ml
1.2 Relevant i No further rel	r: 393891 - 393921 dentified uses of the substance or mixture and uses advised against evant information available.
SU22 Profes Product categ Process categ PROC7 Indu PROC11 No.	ner uses: Private households / general public / consumers sional uses: Public domain (administration, education, entertainment, services, craftsmen) ory PC9a Coatings and paints, thinners, paint removers ory strial spraying 1 industrial spraying f the substance / the mixture Lacquer
·	_
1.5 Details of Manufacturer European Aer Kurt Vogelsan	osols GmbH*
D-74855 Haß Tel.: +49 (0) 6	nersheim
	own as Motip Dupli GmbH
<i>Further information information for the second sec</i>	mation obtainable from: Department Product Safety y telephone number: -75-310
	ny phone no: 111 hcare professionals: 0344 892 0111
	if childs have been poisened: 01 809 2166 (8:00 am - 10:00 pm, 7 days) hcare professionals: 01 809 2566 (24 h / 7 days)
Tox Info Suiss	e 145 (24-h-emergency number)
<u>SECTION</u> .	2: Hazards identification
	tion of the substance or mixture
Classification	according to Regulation (EC) No 1272/2008
flan	ne de la constante de la const
Aerosol 1 H	222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
$\langle ! \rangle$	
\mathbf{V}	(Contd. on page
	(conta. on page

Page 2/10

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

Printing date 15.01.2024

Version number 8 (replaces version 7)

Revision: 15.01.2024

Trade name: MOTIP RADIATOR 400ml

		l. of page
Eye Irrit. 2	H319 Causes serious eye irritation.	
STOT SE 3	H336 May cause drowsiness or dizziness.	
2.2 Label e	ements	
Labelling a	ccording to Regulation (EC) No 1272/2008	
	is classified and labelled according to the GB CLP regulation.	
Hazard pic	ograms	
~	A	
ste		
<u> 83</u>		
	\mathbf{V}	
GHS02	GHS07	
Signal wor	Danger	
-	-	
	ermining components of labelling:	
acetone	ns, C9-C11, n-alkanes, isoalkanes,cyclics, aromatics (<2%)	
Hyarocard Hazard sta		
	ements Extremely flammable aerosol. Pressurised container: May burst if heated.	
н222-н225 Н319	Causes serious eye irritation.	
H319 H336	May cause drowsiness or dizziness.	
	ing statements	
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. No su	mokin
P211	Do not spray on an open flame or other ignition source.	monung
P251	Do not pierce or burn, even after use.	
P260	Do not breathe spray.	
	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.	
P501	Dispose of contents / container in accordance with regional regulations.	
Additional	nformation:	
	peated exposure may cause skin dryness or cracking.	
Buildup of	xplosive mixtures possible without sufficient ventilation.	
EUH211 W	arning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spra	ıy or
m	st.	
2.3 Other h		
	BT and vPvB assessment	
PBT: Not a		
vPvB: Not	pplicable.	

· 3.2 Mixtures

*

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

• Dangerous components:		
CAS: 67-64-1	acetone	25-<50%
EINECS: 200-662-2	🛞 Flam. Liq. 2, H225	
Index number: 606-001-00-8	() Eye Irrit. 2, H319; STOT SE 3, H336	
Reg.nr.: 01-2119471330-49	<i>EUH066</i>	
	(0	Contd. on page 3)
		GB

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

Printing date 15.01.2024

Version number 8 (replaces version 7)

Revision: 15.01.2024

Trade name: MOTIP RADIATOR 400ml

	(0	Contd. of page 2)
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 Reg.nr.: 01-2119486944-21	propane Flam. Gas 1A, H220 Press. Gas (Comp.), H280	12.5-<20%
EC number: 919-857-5 Reg.nr.: 01-2119463258-33	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, aromatics (<2%) Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336 EUH066	12.5-<20%
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 Reg.nr.: 01-2119474691-32	butane (containing < 0,1 % butadiene (203-450-8)) Flam. Gas 1A, H220 Press. Gas (Comp.), H280	12.5-<20%
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 Reg.nr.: 01-2119485395-27	isobutane (containing < 0,1 % butadiene (203-450-8)) Flam. Gas 1A, H220 Press. Gas (Comp.), H280	5-<10%
CAS: 13463-67-7 EINECS: 236-675-5 Index number: 022-006-00-2 Reg.nr.: 01-2119489379-17	titanium dioxide 🚸 Carc. 2, H351	<2.5%

· Additional information:

The content of Benzene (EINECS-Nr. 200-753-7) in the ingredients is less than 0,1% (Note P Annex 1A 1272/2008 EU), so the classification as carcinogen need not to apply. 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; consult doctor in case of complaints.
- After skin contact: Generally the product does not irritate the skin.
- · After eye contact:
- 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
- · Suitable extinguishing agents:
- *CO2*, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. 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.

(Contd. on page 4)

GB

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

Printing date 15.01.2024

Version number 8 (replaces version 7)

Revision: 15.01.2024

Trade name: MOTIP RADIATOR 400ml

(Contd. of page 3)

- Keep away from ignition sources.
- 6.2 Environmental precautions: 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 section 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: 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

-		imit values that require monitoring at the workplace:	
67-64-1 ac			
		value: 3620 mg/m ³ , 1500 ppm	
~	·	value: 1210 mg/m³, 500 ppm	
106-97-8 b	outane (containing < 0,1 % butadiene (203-450-8))	
		value: 1810 mg/m³, 750 ppm	
		value: 1450 mg/m ³ , 600 ppm	
		re than 0.1% of buta-1.3-diene)	
13463-67-	7 titanii	um dioxide	
	,	value: 10* 4** mg/m ³	
*tota	al inhald	able **respirable	
DNELS			
67-64-1 ac	etone		
Oral	DNEL	62 mg/kg /per day (Consumer, longterm systemic)	
Dermal	DNEL	62 mg/kg /per day (Consumer, longterm systemic)	
	DNEL	186 mg/kg /per day (Worker, longterm systemic)	
Inhalative	DNEL	2420 mg/m3 (Worker, acute local)	
	DNEL	1210 mg/m3 (Worker, longterm systemic)	
	DNEL	200 mg/m3 (Consumer, longterm systemic)	
	DNEL	60 mg/m3	
Hydrocarb	ons, CS	D-C11, n-alkanes, isoalkanes,cyclics, aromatics (<2%)	
Oral	DNEL	125 mg/kg /per day (Consumer, longterm systemic)	
		208 mg/kg /per day (Worker, longterm systemic)	

Page 5/10

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

Printing date 15.01.2024

Version number 8 (replaces version 7)

Revision: 15.01.2024

Trade name: MOTIP RADIATOR 400ml

	(Contd. of p	age
	DNEL 125 mg/kg /per day (Consumer, longterm systemic)	
Inhalative	DNEL 871 mg/m3 (Worker, longterm systemic)	
	DNEL 185 mg/m3 (Consumer, longterm systemic)	
PNECs		
67-64-1 ac	ztone	
PNEC 10.	5 mg/l (Freshwater)	
PNEC 1.0	5 mg/l (Seawater)	
	ng/l (Sporadic release)	
	mg/l (Sewage treatment plant)	
	t mg/kg (Freshwater sediment)	
	4 mg/kg (Seawater sediment)	
	5 mg/kg (Soil)	
	information: The lists valid during the making were used as basis.	
Aaainonai	information: The lists valia during the making were used as basis.	
8.2 Exposi		
	e engineering controls No further data; see section 7.	
	protection measures, such as personal protective equipment otective and hygienic measures:	
	from foodstuffs, beverages and feed.	
	y remove all soiled and contaminated clothing	
	s before breaks and at the end of work.	
	ıle gases / fumes / aerosols.	
	act with the eyes and skin.	
	act with the eyes.	
Kespirator	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/H	-	
Hand prot	ction	
Im		
1115	Protective gloves	
Material o	eloves	
Butyl rubb		
	on of the suitable gloves does not only depend on the material, but also on further marks of que	ılit
	from manufacturer to manufacturer.	
	time of glove material	
Acetone: 4	er gloves with a thickness of 0.4 mm are resistant to: 80 min	
	ite: 60 min	
•	ite: 170 min	
Xylene: 42	min	
measure, w of 42 minu	er gloves with a thickness of 0.4 mm are solvent resistant for 42- 480 minutes. As protective e recommend that users and responsible persons for work safety assume solvent resistance len es. Considering the data in section 3 of this SDS, one can assume longer resistance length in	gth
particular		900
	(Contd. on p	age

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

Printing date 15.01.2024

Version number 8 (replaces version 7)

Revision: 15.01.2024

(Contd. of page 5)

Trade name: MOTIP RADIATOR 400ml

· Eye/face protection



*

Tightly sealed goggles

SECTION 9: Physical and chemical properties

•9.1 Information on basic physical and chemical p	properties
· General Information	
· Physical state	Aerosol
· Colour:	According to product specification
· Odour:	Characteristic
• 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:	0.6 Vol % (Hydrocarbons, C9-C11, n-alkanes,
	isoalkanes, cyclics, aromatics (<2%))
· Upper:	13 Vol % (67-64-1 acetone)
· Flash point:	Not applicable, as aerosol.
· Auto-ignition temperature:	240 °C (464 °F) (Hydrocarbons, C9-C11, n-alkanes,
Into-isnuton temperatule.	<i>isoalkanes,cyclics, aromatics (<2%))</i>
• Decomposition temperature:	Not determined.
· pH Viscositu	Mixture is non-soluble (in water).
· Viscosity:	Not dotomin od
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):	8300 hPa (6225.5 mm Hg) (74-98-6 propane)
• Vapour pressure at 50 •C (122 •F):	16500 hPa (12376 mm Hg)
· Density and/or relative density	
• Density at 20 •C (68 •F):	$0.8 \ g/cm^3 (6.7 \ lbs/gal)$
· Relative density	Not determined.
· Vapour density	Not determined.
· 9.2 Other information	
· Appearance:	
· Form:	Aerosol
· Important information on protection of health an	
environment, and on safety.	
· Explosive properties:	Not determined.
· Solvent content:	Noi determined.
• Organic solvents:	81.4 %
· VOC (EC)	01.7 /0
	 651.6 g/l
VOC EUW	8
· VOC-EU%	81.44 %
· Solids content:	18.1 %
Change in condition	
· Evaporation rate	Not applicable.
· Information with regard to physical hazard classe	25
· Explosives	Void
	(Contd. on page 7
	(Contd. on page /

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

Printing date 15.01.2024

Version number 8 (replaces version 7)

Revision: 15.01.2024

Trade name: MOTIP RADIATOR 400ml

	(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 flamm	nable
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

*

• 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 hazard classes as defined in Regulation (EC) No 1272/2008

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

· LD/LC50 values relevant for classification:

67-64-1 ac	67-64-1 acetone			
Oral	LD50	5800 mg/kg (rat)		
Dermal	LD50	>15800 mg/kg (rabbit)		
Inhalative	LC50 / 4h	76 mg/l (rat)		
	LC50/96 h	5540 mg/l (oncorhynchus mykiss)		
Hydrocarb	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, aromatics (<2%)			
Oral	LD50	>5000 mg/kg /per day (rat) (OECD 401)		
Dermal	LD50	>2000 mg/kg (rat) (OECD 402)		
Inhalative	LC50/4 h	>5000 mg/m3 (rat) (OECD 403)		
• Serious ey • Respirator • STOT-sing • 11.2 Inform	 Skin corrosion/irritation No irritant effect. Serious eye damage/irritation Causes serious eye irritation. Respiratory or skin sensitisation No sensitising effects known. STOT-single exposure May cause drowsiness or dizziness. 11.2 Information on other hazards Endocrine disrupting properties 			
	None of the ingredients is listed.			

(Contd. on page 8)

GB

s

*

*

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

Printing date 15.01.2024

Version number 8 (replaces version 7)

Revision: 15.01.2024

Trade name: MOTIP RADIATOR 400ml

(Contd. of page 7)

10.1 5		
12.1 Toxicity		
Aquatic toxicit		
67-64-1 aceton		
	00 mg/l (fish)	
	00 mg/l (algae)	
	50 mg/l (crustacean (water flea)) e and degradability No further relevant information available.	
12.5 Results of PBT: Not appl. vPvB: Not app. 12.6 Endocrine The product do 12.7 Other adv Additional eco General notes: Water hazard o	icable. disrupting properties es not contain substances with endocrine disrupting properties.	ıge
13.1 Waste tree Recommendati		m.
13.1 Waste tree Recommendate Must not be dis Uncleaned pac Recommendate Disposal must	tment methods on posed together with household garbage. Do not allow product to reach sewage system kaging:	n.
13.1 Waste tred Recommendati Must not be dis Uncleaned pac Recommendati Disposal must Disposal must	Atment methods on posed together with household garbage. Do not allow product to reach sewage system kaging: on: on: pe made according to official regulations.	m.
13.1 Waste tred Recommendati Must not be dis Uncleaned pac Recommendati Disposal must Disposal must	atment methods on posed together with household garbage. Do not allow product to reach sewage system kaging: on: on: one made according to official regulations. one made according to official regulations.	m.
13.1 Waste tred Recommendati Must not be dis Uncleaned pac Recommendati Disposal must Disposal must	tment methods on posed together with household garbage. Do not allow product to reach sewage system kaging: on: on: be made according to official regulations. be made according to official regulations. 4: Transport information er or ID number	<i>m</i> .
13.1 Waste trea Recommendate Must not be dis Uncleaned pac Recommendate Disposal must Disposal must SECTION 1 14.1 UN numb ADR, IMDG, 1	tment methods on posed together with household garbage. Do not allow product to reach sewage system kaging: on: on: be made according to official regulations. be made according to official regulations. 4: Transport information er or ID number	<i>m</i> .
13.1 Waste trea Recommendate Must not be dis Uncleaned pac Recommendate Disposal must Disposal must SECTION 1 14.1 UN numb ADR, IMDG, 1 14.2 UN prope ADR	tment methods on posed together with household garbage. Do not allow product to reach sewage system kaging: on: on: one made according to official regulations. one made according to official regulations. At Transport information er or ID number ATA UN1950 • shipping name 1950 AEROSOLS	<i>m</i> .
13.1 Waste trea Recommendate Must not be dis Uncleaned pac Recommendate Disposal must Disposal must SECTION 1 SECTION 1 14.1 UN numb ADR, IMDG, 1 14.2 UN prope ADR IMDG	tment methods on posed together with household garbage. Do not allow product to reach sewage system kaging: on: on: one made according to official regulations. one made according to official regulations. 4: Transport information er or ID number ATA UN1950 • shipping name 1950 AEROSOLS AEROSOLS	<i>m</i> .
13.1 Waste trea Recommendate Must not be dis Uncleaned pac Recommendate Disposal must Disposal must SECTION 1 14.1 UN numb ADR, IMDG, 1 14.2 UN prope ADR	tment methods on posed together with household garbage. Do not allow product to reach sewage system kaging: on: on: one made according to official regulations. one made according to official regulations. At Transport information er or ID number ATA UN1950 • shipping name 1950 AEROSOLS	<i>m</i> .
13.1 Waste tree Recommendate Must not be dis Uncleaned pac Recommendate Disposal must Disposal must SECTION 1 14.1 UN numb ADR, IMDG, 1 14.2 UN prope ADR IMDG IATA	tment methods on posed together with household garbage. Do not allow product to reach sewage system kaging: on: on: one made according to official regulations. one made according to official regulations. 4: Transport information er or ID number ATA UN1950 • shipping name 1950 AEROSOLS AEROSOLS	<i>m</i> .
13.1 Waste tree Recommendate Must not be dis Uncleaned pac Recommendate Disposal must Disposal must SECTION 1 14.1 UN numb ADR, IMDG, 1 14.2 UN prope ADR IMDG IATA	tment methods on posed together with household garbage. Do not allow product to reach sewage system kaging: on: on: one made according to official regulations. one made according to official regulations. 4: Transport information 4: Transport information er or ID number ATA UN1950 shipping name 1950 AEROSOLS AEROSOLS AEROSOLS, flammable	<i>m</i> .

Page 9/10

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

Printing date 15.01.2024

Version number 8 (replaces version 7)

Revision: 15.01.2024

Trade name: MOTIP RADIATOR 400ml

	(Contd. of page
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 Hazard identification number (Kemler code):	Warning: Gases.
EMS Number:	<i>F-D,S-U</i>
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 abo 1 litre: Category B. For WASTE AEROSOLS: Category
	<i>C</i> , <i>Clear of living quarters</i> .
Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1
0 0	litre:
	Segregation as for class 9. Stow "separated from" class
	except for division 1.4.
	For AEROSOLS with a capacity above 1 litre:
	Segregation as for the appropriate subdivision of class For WASTE AEROSOLS:
	Segregation as for the appropriate subdivision of class
14.7 Maritime transport in bulk according to IM	0
instruments	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	IL Caller FO
Excepted quantities (EQ)	Code: E0 Not normitted as Excepted Quantity
Transport category	Not permitted as Excepted Quantity 2
Tunnel restriction code	$\overset{2}{D}$
IMDG	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	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

· 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

 \cdot Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t

(Contd. on page 10)

⁻⁻⁻⁻⁻GB

Page 10/10

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

Printing date 15.01.2024

Version number 8 (replaces version 7)

Revision: 15.01.2024

Trade name: MOTIP RADIATOR 400ml

(Contd. of page 9)

• 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.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H351 Suspected of causing cancer.

EUH066 Repeated exposure may cause skin dryness or cracking.

· 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 relatif au transport international 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)

DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Gas 1A: Flammable gases – Category 1A

Aerosol 1: Aerosols – Category 1

Press. Gas (Comp.): Gases under pressure – Compressed gas

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2 Carc. 2: Carcinogenicity – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 Asp. Tox. 1: Aspiration hazard – Category 1

 \cdot * Data compared to the previous version altered.

- GP