according to 1907/2006/EC, Article 31

Printing date 26.05.2021 Version number 7 Revision: 26.05.2021

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

· 1.1 Product identifier

Trade name: Transformer MAX

• <u>Article number:</u> 12042, 12043, 12044, 12049 • UFI: J3R0-A0EU-Q00F-SG7G

1.2 Relevant identified uses of the substance or mixture and

uses advised against

No further relevant information available.

· Application of the substance / the

mixture Protective impregnation

· 1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: AKEMI chemisch technische Spezialfabrik GmbH

Laboratory

Lechstrasse 28 D 90451 Nürnberg Tel. +49(0)911-642960 Fax. +49(0)911-644456 e-mail info@akemi.de

· Further information obtainable

from:
1.4 Emergency telephone

number:

Product Safety Department AKEMI chemisch technische Spezialfabrik GmbH

Tel. +49(0)911-64296-59

Reachable during the following office hours: Monday – Thursday from 07:30 a.m. to 16:30 p.m.

Friday from 07:30 a.m. to 13:30 p.m.

+44 (171) 635 91 91

National Poison Inform. Centre Medical Toxicology Unit Avalonley Road

London SE14 5ER

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008
 Flam. Liq. 3
 H226 Flammable liquid and vapour.

Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways. Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

· 2.2 Label elements

· Labelling according to Regulation

(EC) No 1272/2008

Hazard pictograms

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







GHS02 GHS07 GHS08

· <u>Signal word</u> Danger

· Hazard-determining components of

labelling: Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics

• <u>Hazard statements</u> H226 Flammable liquid and vapour. H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways. H412 Harmful to aquatic life with long lasting effects.

Precautionary statements P101 If medical advice is needed, have product container or label at

hand.

P102 Keep out of reach of children.

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ade name: Transformer MAX		
		(Contd. of page
	P103	Read carefully and follow all instructions.
	P210	Keep away from heat, hot surfaces, sparks, open flames ar other ignition sources. No smoking.
	P261	Avoid breathing vapours.
	P273	Avoid release to the environment.
	P280	Wear protective gloves/protective clothing/eye protection/farprotection/hearing protection.
	P301+P310	IF SWALLOWED: Immediately call a POISON CENTE doctor.
	P331	Do NOT induce vomiting.
	P305+P351+P3	338 IF IN EYES: Rinse cautiously with water for several minute Remove contact lenses, if present and easy to do. Continurinsing.
	P312	Call a POISON CENTER/doctor if you feel unwell.
	P403+P233 P405	Store in a well-ventilated place. Keep container tightly closed Store locked up.
	P501	Dispose of contents/container in accordance with locaregional/national/international regulations.
· Additional information:	EUH066 Repea	ated exposure may cause skin dryness or cracking.
2.3 Other hazards	•	
· Results of PBT and vPvB ass	essment	
· PBT:	Not applicable.	
· vPvB:	Not applicable.	

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

• Description: Mixture: consisting of the following components.

· Dangerous components:		
EC number: 927-241-2 Reg.nr.: 01-2119471843-32	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336 Aquatic Chronic 3, H412	25-50%
CAS: 5593-70-4 EINECS: 227-006-8 Reg.nr.: 01-2119967423-33	tetra-n-butoxytitanium Flam. Liq. 3, H226 Eye Dam. 1, H318 Skin Irrit. 2, H315; STOT SE 3, H335-H336	1-5%
CAS: 67-56-1 EINECS: 200-659-6 Index number: 603-001-00-X Reg.nr.: 01-2119433307-44	methanol Flam. Liq. 2, H225 Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331 STOT SE 1, H370	<1%
CAS: 3648-18-8 EINECS: 222-883-3 Reg.nr.: 01-2119979527-19-0000	Dioctyltin dilaurate Repr. 2, H361; STOT RE 1, H372 Aquatic Chronic 3, H412	<1%
. CV/LIC		

·SVHC

3648-18-8 Dioctyltin dilaurate

· 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

· General information: Take affected persons out of danger area and lay down.

Immediately remove any clothing soiled by the product.

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· After inhalation: Supply fresh air; consult doctor in case of complaints.

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In case of unconsciousness place patient stably in side position for

transportation.

· After skin contact: Immediately rinse with water.

If skin irritation continues, consult a doctor.

Rinse opened eye for several minutes under running water. If symptoms persist, · After eye contact:

consult a doctor.

· After swallowing: Rinse out mouth and then drink plenty of water.

If symptoms persist consult doctor.

· 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

No further relevant information available. treatment needed

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.

· For safety reasons unsuitable

Water with full jet extinguishing agents:

· 5.2 Special hazards arising from

In case of fire, the following can be released: the substance or mixture

Carbon monoxide (CO)

5.3 Advice for firefighters

Mount respiratory protective device. Protective equipment:

Wear fully protective suit.

Cool endangered receptacles with water spray. · Additional information

Collect contaminated fire fighting water separately. It must not enter the sewage

system.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and

emergency procedures 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.

Prevent seepage into sewage system, workpits and cellars.

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.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal

binders, sawdust).

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.

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SECTION 7: Handling and storage

· 7.1 Precautions for safe

<u>handling</u> Keep receptacles tightly sealed.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than

air).

Ensure good ventilation/exhaustion at the workplace.

· Information about fire - and

explosion protection: Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage:

· Requirements to be met by

storerooms and receptacles: Store in a cool location.

· Information about storage in one

<u>common storage facility:</u> Store away from foodstuffs.

· Further information about storage

conditions: Protect from frost.

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

· Storage class: 3

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

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Additional information about design

of technical facilities: No further data; see item 7.

\cdot Ingredients with limit values that require monitoring at the workplace:

DNEL (Langzeit-wiederholt) 40 mg/kg bw/day (ARB)

67-56-1 methanol

WEL Short-term value: 333 mg/m³, 250 ppm Long-term value: 266 mg/m³, 200 ppm

Lon _i Sk	Sk				
· <u>DNELs</u>	· DNELs				
Hydrocar	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics				
Oral	DNEL (Langzeit-wiederholt)	46 mg/kg bw/day (BEV)			
Dermal	DNEL (Langzeit-wiederholt)	77 mg/kg bw/day (ARB)			
		46 mg/kg bw/day (BEV)			
Inhalative	DNEL (Langzeit-wiederholt)	871 mg/m³ Air (ARB)			
		185 mg/m³ Air (BEV)			
5593-70-4	5593-70-4 tetra-n-butoxytitanium				
Oral	DNEL (Langzeit-wiederholt)	3.75 mg/kg bw/day (BEV)			
Dermal	DNEL (Langzeit-wiederholt)	37.5 mg/kg bw/day (BEV)			
Inhalative	DNEL (Langzeit-wiederholt)	127 mg/m³ Air (ARB)			
		38 mg/m³ Air (BEV)			
67-56-1 methanol					
Oral	DNEL (Kurzzeit-akut)	8 mg/kg bw/day (BEV)			
	DNEL (Langzeit-wiederholt)	8 mg/kg bw/day (BEV)			
Dermal	DNEL (Kurzzeit-akut)	40 mg/kg bw/day (ARB)			
		8 mg/kg bw/day (BEV)			

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			8 mg/kg bw/day (BEV)	(Contd. of pag
Inhalative	DNEI	(Kurzzeit-akut)	260 mg/m³ Air (ARB)	
IIIIIaiauve	DIVLL	(Ital226il-akut)	50 mg/m³ Air (ARD)	
	DNEI	(Langzeit-wiederholt)	260 mg/m³ Air (ARB)	
	DINLL	(Langzen-wiedenion)	50 mg/m³ Air (ARD)	
3648-18-8	Diact	yltin dilaurate	30 Highir All (BEV)	
		(Langzeit-wiederholt)	0.0005 mg/kg bw/day (BEV)	
	l	(Langzeit-wiederholt)	0.0035 mg/m³ Air (ARB)	
		(0.0009 mg/m³ Air (BEV)	
PNECs			3 ()	
	tetra-ı	n-butoxytitanium		
		65 mg/l (KA)		
- (.9/	0.008 mg/l (MW)		
		0.08 mg/l (SW)		
		2.25 mg/l (WAS)		
PNEC (fes		0.017 mg/kg Trockeng	gew (BO)	
,	,	0.007 mg/kg Trockeng		
		0.069 mg/kg Trockeng	gew (SWS)	
67-56-1 m	ethan		, ,	
PNEC (wä	issrig)	100 mg/l (KA)		
		15.4 mg/l (MW)		
		154 mg/l (SW)		
		1,540 mg/l (WAS)		
PNEC (fes	st)	23.5 mg/kg Trockenge	ew (BO)	
		7.7 mg/kg Trockengew (MWS)		
		570.4 mg/kg Trockeng	gew (SWS)	
3648-18-8	Dioct	yltin dilaurate		
PNEC (wä	issrig)	100 mg/l (KA)		
		0.0000018 mg/l (MW)		
		0.0000018 mg/l (SW)		
PNEC (fest) 0.005593 mg/kg Trocker 0.02798 mg/kg Trocker 0.02798 mg/kg Trocker				
			- , ,	
Additional information: The lists valid during the making were used as basis.				
8.2 Exposure controls				
Personal protective equipment:				
• <u>General protective and hygienic</u> measures: Keep away from foodstuffs, beverages and feed.				
1110000100	<u>.</u>		nediately remove all soiled and contaminated clothing	
		Wa	sh hands before breaks and at the end of work.	
			not inhale gases / fumes / aerosols.	
Respirator	v prote		oid contact with the eyes and skin. Ort term filter device:	
Copilator	y prote		er A/P2	

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.

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· Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

The protection gloves to be used have to comply with the specifications of the directive 89/686/EC and the directive derived decree EN374, respectively, e.g. the above listed protection glove type. The mentioned permeation times' data were generated and verified with material samples of the recommended protection glove type in the scope of laboratory anylyses of the company KCL GmbH in compliance with EN374.

This recommendation refers exclusively to the material safety data sheet referenced product delivered by Akemi and the indicated field of application. In case of product dilution or in case of mixture with different substances or chemicals, and in condition of EN374 deviation the producer of CE-approved protection gloves must be contacted for detailed information (e.g., KCL GmbH, Germany, 36124 Eichenzell, internet: http://www.kcl.de).

Material of gloves

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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

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

· For the permanent contact gloves made of the following materials are

suitable:

As protection from splashes gloves made of the following materials are suitable:

Butyl rubber, BR

Butoject (KCL, Art No. 897, 898) Butyl rubber, BR

· Not suitable are gloves made of the following materials:

Strong material gloves Synthetic rubber gloves

· Eye protection:



Tightly sealed goggles

· Body protection: Solvent resistant protective clothing

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

Form: Fluid Colour: Colourless · Odour: Specific type · Odour threshold: Not determined.

· pH-value: Not determined.

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_		
		(Contd. of page 6)
	 Change in condition Melting point/freezing point: Initial boiling point and boiling range 	Undetermined. <u>:</u> 110-190 °C
	· <u>Flash point:</u>	27 °C
	· Flammability (solid, gas):	Not applicable.
	· <u>Ignition temperature:</u>	460 °C
	· 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.

Lower:
Upper:2.1 Vol %
11.5 Vol %⋅ Vapour pressure:Not determined.

Density at 20 °C:

 Relative density
 Vapour density
 Evaporation rate

 O.89 g/cm³

 Not determined.

 Not determined.
 Not determined.
 Not determined.

water: Not miscible or difficult to mix.

Partition coefficient: n-octanol/water: Not determined.

Partition coefficient: n-octanol/water: Not de
 Viscosity:
 Dynamic: Not de

Dynamic: Not determined. Kinematic: Not determined.

Solvent content:
 Organic solvents:

· Solubility in / Miscibility with

· Explosion limits:

Organic solvents: 40.4 %

• <u>9.2 Other information</u> No further relevant information available.

SECTION 10: Stability and reactivity

· <u>10.1 Reactivity</u> 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
• 10.5 Incompatible materials:

No further relevant information available.

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.

· LD/LC50 values relevant for classification:

ATE (Acute Toxicity Estimates)

Oral LD50 18,574 mg/kg (rat)

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Trade name: Transformer MAX				
Trade Harrie.	Trade name: Transformer MAX			
Davisa	I DEO	EE 704 m a///	(no.4)	(Contd. of page 7)
Dermal	LD50	55,721 mg/kg	(rat)	
innaiative	LC50/4 n	634 mg/l (rat)		
_	bons, C9-0	C10, n-alkane:	s, isoalkanes, cycloalkanes, <2% aromatics	
Oral	LD50	4,951 mg/kg (rat)	
Dermal	LD50	>5,000 mg/kg	(rabbit)	
Inhalative	LC50/4 h	4,951 mg/l (ra	t)	
5593-70-4	tetra-n-bı	utoxytitanium		
Oral	LD50	3,122 mg/kg (rat)	
Inhalative	LC50/4 h	11 mg/l (rat)		
67-56-1 m	ethanol			
Oral	LD50	100 mg/kg (ra	t)	
Dermal	LD50	15,800 mg/kg (rabbit)		
		300 mg/kg (rat)		
Inhalative	Inhalative LC50/4 h 128.2 mg/l (rat)			
3648-18-8	Dioctyltir	n dilaurate		
Oral	LD50	6,450 mg/kg (rat)	
Dermal	Dermal LD50 >2,000 mg/kg (rat		(rat)	
· Primary irr				
	Skin corrosion/irritation		Based on available data, the classification criteria are not met.	
	Serious eye damage/irritation		Causes serious eye irritation.	
	· Respiratory or skin sensitisation — Based on available data, the classification criteria are not met. · Additional toxicological information:			
CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)				
· Germ cell	Germ cell mutagenicity		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. May cause drowsiness or dizziness.	
	 STOT-single exposure STOT-repeated exposure 		Based on available data, the classification criteria are not met.	
· Aspiration hazard May be fatal if swallowed and enters airways.				

SECTION 12: Ecological information

· 12.1 Toxicity

· <u>A</u> quatic toxic	· Aquatic toxicity:		
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics			
EL50/48h	EL50/48h >22-<46 mg/l (daphnia magna)		
EL50/72h	_50/72h >1,000 mg/l (Pseudokirchneriella subcapitata)		
LL50/96h	LL50/96h >10-<30 mg/l (Oncorhynchus mykiss)		
NOELR/72h	NOELR/72h <1 mg/l (Pseudokirchneriella subcapitata)		
NOEC/21d	NOEC/21d 0.317 mg/l (daphnia magna)		
NOELR/28d	NOELR/28d 0.182 mg/l (Oncorhynchus mykiss)		
67-56-1 met	67-56-1 methanol		
IC50	C50 >1,000 mg/l (BES)		
EC50/48h	EC50/48h >10,000 mg/l (daphnia magna)		
LC50/96h	LC50/96h 13,500-17,600 mg/l (lem)		
	19,500-20,700 mg/l (Oncorhynchus mykiss)		
	28,200 mg/l (pimephales promelas)		
· 12 2 Pareiet	12.2 Persistence and		

12.2 Persistence and

degradability
 12.3 Bioaccumulative potential
 No further relevant information available.
 No further relevant information available.

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· General notes:

No further relevant information available.

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous

· 12.4 Mobility in soil
· Additional ecological information:

· Additional ecological information:

for water

• <u>12.5 Results of PBT and vPvB assessment</u>
• <u>PBT:</u>
Not applicable.

vPvB: Not applicable.

• **12.6 Other adverse effects** No further relevant information available.

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.

SECTION 14: Transport information

· <u>14.1 UN-Number</u> · <u>ADR, IMDG, IATA</u>	UN1993
· 14.2 UN proper shipping name · ADR	1993 FLAMMABLE LIQUID, N.O.S. (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cycloalkanes, <2%
· <u>IMDG</u> , <u>IATA</u>	aromatics, METHANOL) FLAMMABLE LIQUID, N.O.S. (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics, METHANOL)

· 14.3 Transport hazard class(es)

· ADR



· <u>Class</u> 3 (F1) Flammable liquids.

· Label

· IMDG, IATA



· Class 3 Flammable liquids.

· Label

14.4 Packing group

· ADR, IMDG, IATA

14.5 Environmental hazards:

· Marine pollutant: No

• 14.6 Special precautions for user Warning: Flammable liquids.

· Hazard identification number (Kemler code):

· EMS Number: F-E,S-E

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Stowage Category

· 14.7 Transport in bulk according to Annex II of Marpol

and the IBC Code Not applicable.

· Transport/Additional information:

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 Excepted quantities (EQ) Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

IMDG

· Limited quantities (LQ) 5L

Code: E1 · Excepted quantities (EQ)

Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml

UN 1993 FLAMMABLE LIQUID, N.O.S · UN "Model Regulation": (HYDROCARBONS, C9-C10, N-ALKANES,

ISOALKANES, CYCLOALKANES, <2% AROMATICS,

METHANOL), 3, III

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 P5c FLAMMABLE LIQUIDS

· Qualifying quantity (tonnes) for the

application of lower-tier

requirements 5.000 t

· Qualifying quantity (tonnes) for the

application of upper-tier

requirements 50.000 t

National regulations:

· Information about limitation of use: Employment restrictions concerning juveniles must be observed.

Water hazard class 1 (Self-assessment): slightly hazardous for water. · Waterhazard class:

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

3648-18-8 Dioctyltin dilaurate

· VOC EU 359.7 g/l

· 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 H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H301 Toxic if swallowed.

H304 May be fatal if swallowed and enters airways.

H311 Toxic in contact with skin. H315 Causes skin irritation.

H318 Causes serious eye damage.

H331 Toxic if inhaled.

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H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H361 Suspected of damaging fertility or the unborn child.

H370 Causes damage to organs.

H372 Causes damage to organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.

· Department issuing SDS:

· Contact:

Laboratory Elke Hake

Fon ++49 (0)911 64296-59 @mail E.Hake@akemi.de

· Abbreviations and acronyms:

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)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

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. Liq. 2: Flammable liquids – Category 2 Flam. Liq. 3: Flammable liquids – Category 3 Acute Tox. 3: Acute toxicity – Category 3 Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation - Category 1 Eye Irrit. 2: Serious eye damage/eye irritation - Category 2

Repr. 2: Reproductive toxicity – Category 2 STOT SE 1: Specific target organ toxicity (single exposure) – Category 1 STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 STOT RE 1: Specific target organ toxicity (repeated exposure) - Category 1

Asp. Tox. 1: Aspiration hazard - Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard - Category 3