

SAFETY DATA SHEET

This safety datasheet complies with the requirements of Regulation (EC) No. 830/2015



REVACRYL R 246

Version	Revision Date:	Date of last issue: 08.09.2020
1.5	23.03.2021	Date of first issue: 16.02.2018

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

1.1 Product identifier

Trade name : REVACRYL R 246

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

Use of the Sub- : Raw material
stance/Mixture : Industrial use

1.3 Details of the supplier of the safety data sheet

Company : SYNTHOMER MIDDLE EAST CO
2nd Industrial City
31472 Dammam

Telephone : +96638121045

Telefax : +96638121263

E-mail address of person : regulatoryaffairs@synthomer.com
responsible for the SDS

1.4 Emergency telephone number

Emergency telephone num- : +44 (0) 1235 239 670
ber

National Emergency Tele- : Not applicable
phone Number

Poison Information Centre telephone number

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Skin sensitisation, Category 1

H317: May cause an allergic skin reaction.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Warning

Hazard statements : H317 May cause an allergic skin reaction.

Precautionary statements : **Prevention:**

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P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves.

Response:

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P362 Take off contaminated clothing and wash before reuse.

2.3 Other hazards

This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT).
This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : aqueous dispersion

Hazardous components

Chemical name	CAS-No. EC-No. Index-No. REACH Registration Number	Classification REGULATION (EC) No 1272/2008	Concentration (% w/w)
3(2H)-Isothiazolone,5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1)	55965-84-9	Acute Tox. 3; H331 Acute Tox. 3; H311 Acute Tox. 3; H301 Skin Corr. 1B; H314 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	< 0.0025
Ammonia, aqueous solution	1336-21-6 215-647-6 007-001-01-2	Skin Corr. 1B; H314 STOT SE 3; H335 Aquatic Acute 1; H400 M-Factor1	< 0.2

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : Get medical attention if symptoms occur.

Show this safety data sheet to the doctor in attendance.

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- | | | |
|-------------------------|---|---|
| If inhaled | : | Remove person to fresh air. If signs/symptoms continue, get medical attention. |
| In case of skin contact | : | Wash off immediately with soap and plenty of water.

Remove contaminated clothing. If irritation develops, get medical attention.

Wash contaminated clothing before reuse. |
| In case of eye contact | : | Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention. |
| If swallowed | : | If accidentally swallowed obtain immediate medical attention.

Do NOT induce vomiting. |

4.2 Most important symptoms and effects, both acute and delayed

- | | | |
|----------|---|---|
| Symptoms | : | Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Repeated or prolonged exposure may cause irritation of eyes and skin. |
|----------|---|---|

4.3 Indication of any immediate medical attention and special treatment needed

- | | | |
|-----------|---|---------------------------|
| Treatment | : | No information available. |
|-----------|---|---------------------------|

SECTION 5: Firefighting measures

5.1 Extinguishing media

- | | | |
|--------------------------------|---|---|
| Suitable extinguishing media | : | Not combustible.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Unsuitable extinguishing media | : | No information available. |

5.2 Special hazards arising from the substance or mixture

- | | | |
|---------------------------------------|---|---|
| Specific hazards during fire-fighting | : | The pressure in sealed containers can increase under the influence of heat. |
|---------------------------------------|---|---|

5.3 Advice for firefighters

- | | | |
|---|---|------------------------------------|
| Special protective equipment for firefighters | : | Use personal protective equipment. |
| Further information | : | The product itself does not burn. |

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Prevent fire extinguishing water from contaminating surface water or the ground water system.

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.

6.2 Environmental precautions

Environmental precautions : The product should not be allowed to enter drains, water courses or the soil.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Prevent further leakage or spillage if safe to do so.

Large spills should be collected mechanically (remove by pumping) for disposal.

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Pick up and transfer to properly labelled containers.

Clean contaminated floors and objects thoroughly while observing environmental regulations.

Dispose of in accordance with local regulations.

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Wear personal protective equipment.
For personal protection see section 8.
Avoid inhalation, ingestion and contact with skin and eyes.
Do not use in areas without adequate ventilation.
Smoking, eating and drinking should be prohibited in the application area.

Hygiene measures : Wash hands before breaks and immediately after handling the product.
When using do not eat, drink or smoke.

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7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in original container.

Keep in properly labelled containers.

Store between 5 and 35 °C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

Do not freeze.

7.3 Specific end use(s)

Specific use(s) : Consult the technical guidelines for the use of this substance/mixture.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Ammonia, aqueous solution	1336-21-6	TWA	20 ppm 14 mg/m ³	GKV (Aus)
		STEL	50 ppm 36 mg/m ³	GKV (Aus)
		TWA	20 ppm 14 mg/m ³	VLEP/GWBB (BE)
		STEL	50 ppm 36 mg/m ³	VLEP/GWBB (BE)
		TWA	20 ppm 14 mg/m ³	WEA (DA)
		STEL	40 ppm 28 mg/m ³	WEA (DA)
		TWA	20 ppm 14 mg/m ³	IOELV (EU)
		STEL	50 ppm 36 mg/m ³	IOELV (EU)
		TWA	10 ppm 7 mg/m ³	VLEP (FR)
		STEL	20 ppm 14 mg/m ³	VLEP (FR)
		TWA	20 ppm 14 mg/m ³	TRGS 900 (DE)
		STEL	40 ppm 28 mg/m ³	TRGS 900 (DE)
		TWA	14 mg/m ³	ÁK (HU)
		STEL	36 mg/m ³	ÁK (HU)
		TWA	20 ppm 14 mg/m ³	TLV-TWA (USA, IT, GR)

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		STEL	50 ppm 36 mg/m ³	TLV-TWA (USA, IT, GR)
		STEL	28 mg/m ³	NDS (PL)
		TWA	20 ppm 14 mg/m ³	VLA (ES)
		STEL	50 ppm 36 mg/m ³	VLA (ES)
		STEL	36 mg/m ³	MAC (NL)
		TWA	25 ppm 18 mg/m ³	EH40 (UK)
		STEL	35 ppm 25 mg/m ³	EH40 (UK)

Components with workplace control parameters

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
3(2H)-Isothiazolone,5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1)				
Remarks:	No data available			
Ammonia, aqueous solution	Workers	Skin contact	Short term, Systemic toxicity	68 mg/kg
	Workers	Inhalation	Short term, Systemic toxicity	47.6 mg/m ³
	Workers	Inhalation	Short term, Local effects	36 mg/m ³
	Workers	Skin contact	Long term, Systemic toxicity	68 mg/kg
	Workers	Inhalation	Long term, Systemic toxicity	47.6 mg/m ³
	Workers	Inhalation	Long term, Local effects	14 mg/m ³
	Consumers	Skin contact	Short term, Systemic toxicity	68 mg/kg
	Consumers	Inhalation	Short term, Systemic toxicity	23.8 mg/m ³
	Consumers	Ingestion	Short term, Systemic toxicity	6.8 mg/kg
	Consumers	Inhalation	Short term, Local effects	7.2 mg/m ³
	Consumers	Skin contact	Long term, Systemic toxicity	68 mg/kg
	Consumers	Inhalation	Long term, Systemic toxicity	23.8 mg/m ³
	Consumers	Ingestion	Long term, Systemic toxicity	6.8 mg/kg
	Consumers	Inhalation	Long term, Local effects	2.8 mg/m ³

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Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
3(2H)-Isothiazolone,5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1)		
Remarks:	No data available	
Ammonia, aqueous solution	Fresh water	0.0011 mg/l
	Marine water	0.0011 mg/l
	Intermittent use/release	0.0068 mg/l

8.2 Exposure controls

Engineering measures

Use adequate ventilation and/or engineering controls in high temperature processing to prevent exposure to vapours.

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye protection : Safety glasses with side-shields conforming to EN166

Hand protection

Material : Protective gloves complying with EN 374.

Material : Nitrile rubber

Remarks : Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin and body protection : Wear suitable protective clothing.
Skin should be washed after contact.
Remove and wash contaminated clothing before re-use.

Respiratory protection : Respirator with a vapour filter (EN 141)
Use respirator when performing operations involving potential exposure to vapour of the product.

Protective measures : Ensure that eye flushing systems and safety showers are located close to the working place.

Environmental exposure controls

General advice:

The product should not be allowed to enter drains, water courses or the soil.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : liquid, aqueous dispersion

Colour : white

Odour : ester-like

Odour Threshold : not determined

pH : 7.5 - 8.5

Boiling point : not determined

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Flash point	:	Not applicable
Evaporation rate	:	not determined
Flammability (solid, gas)	:	The product is not flammable.
Upper explosion limit	:	Not applicable
Lower explosion limit	:	Not applicable
Vapour pressure	:	ca. 23 hPa (at 20 °C)
Relative vapour density	:	not determined
Relative density	:	0.9 - 1.1
Density	:	No data available
Bulk density	:	No data available
Solubility(ies)		
Water solubility	:	insoluble, completely miscible, in all proportions
Partition coefficient: n-octanol/water	:	not determined
Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	not determined
Viscosity		
Viscosity, dynamic	:	200 - 1,200 mPa s
Viscosity, kinematic	:	No data available
Flow time	:	No data available
Explosive properties	:	Not applicable
Oxidizing properties	:	Not applicable

9.2 Other information

Impact sensitivity	:	No data available
Surface tension	:	not determined
	:	No information available.
Self-ignition	:	No data available

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SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : None known.

10.4 Conditions to avoid

Conditions to avoid : Extremes of temperature and direct sunlight.

10.5 Incompatible materials

Materials to avoid : None known.

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Components:

3(2H)-Isothiazolone,5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1):

Acute oral toxicity	: LD50 Oral (Rat): 64 mg/kg Method: No information available.
Acute inhalation toxicity	: LC50 (Rat): 0.33 mg/l Exposure time: 4 h Method: OECD Test Guideline 403
Acute dermal toxicity	: LD50 (Rabbit): 87.12 mg/kg Method: No information available.

Ammonia, aqueous solution:

Acute oral toxicity	: LD50 Oral (Rat): 350 mg/kg Method: OECD Test Guideline 401 Remarks: Extremely corrosive and destructive to tissue. Based on available data, the classification criteria are not met.
Acute inhalation toxicity	: Remarks: No data available
Acute dermal toxicity	: Remarks: No data available

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Skin corrosion/irritation

Components:

3(2H)-Isothiazolone,5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1):

Species: Rabbit
Method: OECD Test Guideline 404
Remarks: Corrosive to skin

Ammonia, aqueous solution:

Species: Rabbit
Method: OECD Test Guideline 404
Remarks: Causes severe skin burns.

Serious eye damage/eye irritation

Components:

3(2H)-Isothiazolone,5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1):

Species: Rabbit
Method: No information available.
Remarks: Corrosive to eyes

Ammonia, aqueous solution:

Remarks: Severe eye irritation

Respiratory or skin sensitisation

Components:

3(2H)-Isothiazolone,5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1):

Species: Mouse
Remarks: Causes sensitisation.

Ammonia, aqueous solution:

Remarks: Does not cause skin sensitisation.

Germ cell mutagenicity

Components:

3(2H)-Isothiazolone,5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1):

Genotoxicity in vitro : Remarks: In vitro tests did not show mutagenic effects

Genotoxicity in vivo : Remarks: In vivo tests did not show mutagenic effects

Ammonia, aqueous solution:

Genotoxicity in vitro : Remarks: In vitro tests did not show mutagenic effects

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Genotoxicity in vivo : Remarks: In vivo tests did not show mutagenic effects

Carcinogenicity

Components:

Ammonia, aqueous solution:

Remarks: Based on available data, the classification criteria are not met.

Reproductive toxicity

Components:

Ammonia, aqueous solution:

Effects on fertility : Remarks: Based on available data, the classification criteria are not met.

Effects on foetal development : Remarks: Based on available data, the classification criteria are not met.

STOT - single exposure

Components:

3(2H)-Isothiazolone,5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1):

Assessment: The substance or mixture is not classified as specific target organ toxicant, single exposure.

Ammonia, aqueous solution:

Exposure routes: Inhalation

Target Organs: Respiratory system

Assessment: May cause respiratory irritation.

STOT - repeated exposure

Components:

3(2H)-Isothiazolone,5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1):

Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Ammonia, aqueous solution:

Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Further information

Product:

Remarks: No data is available on the product itself.

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Remarks: The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.

Remarks: Information given is based on data on the components and the toxicology of similar products.

SECTION 12: Ecological information

12.1 Toxicity

Product:

Ecotoxicology Assessment

Acute aquatic toxicity : No data is available on the product itself.

Chronic aquatic toxicity : No data is available on the product itself.

Components:

3(2H)-Isothiazolone,5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1):

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 0.19 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0.16 mg/l
Exposure time: 48 h

Toxicity to algae : ErC50 (Selenastrum capricornutum): 0.037 mg/l
Exposure time: 72 h

Toxicity to fish (Chronic toxicity) : NOEC: 0.046 mg/l
Exposure time: 35 d
Method: OECD Test Guideline 210

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0.1 mg/l
Exposure time: 21 d
Species: Daphnia magna (Water flea)

Ammonia, aqueous solution:

Toxicity to fish : LC50 (Fish): 0.8 mg/l
Exposure time: 96 h
Remarks: Very toxic to aquatic organisms.

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 101 mg/l
Exposure time: 48 h

Toxicity to algae : EC50 (Chlorella vulgaris (Fresh water algae)): 2,700 mg/l
Exposure time: 432 h

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12.2 Persistence and degradability

Product:

Biodegradability	:	Remarks: Taking into consideration the properties of several components, the product is estimated not to be readily biodegradable according to OECD classification.
Physico-chemical removability	:	98 % Method: OECD Test Guideline 302 Remarks: The product can be eliminated from water by abiotic processes, e.g. adsorption on activated sludge.

Components:

3(2H)-Isothiazolone,5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1):

Biodegradability	:	Method: OECD Test Guideline 301 Remarks: Inherently biodegradable.
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Ammonia, aqueous solution:

Biodegradability	:	Remarks: The methods for determining biodegradability are not applicable to inorganic substances.
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12.3 Bioaccumulative potential

Product:

Bioaccumulation	:	Remarks: Bioaccumulation is unlikely.
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Components:

3(2H)-Isothiazolone,5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1):

Bioaccumulation	:	Method: OECD Test Guideline 305 Remarks: Does not bioaccumulate.
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Ammonia, aqueous solution:

Bioaccumulation	:	Remarks: No data available
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12.4 Mobility in soil

Product:

Distribution among environmental compartments	:	Remarks: No data available
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Components:

3(2H)-Isothiazolone,5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1):

Distribution among environmental compartments	:	Remarks: No data available
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Ammonia, aqueous solution:

Distribution among environmental compartments	:	Medium: Soil
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mental compartments

Remarks: Adsorbs on soil.

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT)..

: This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB)..

12.6 Other adverse effects

Product:

Additional ecological information : This product has no known ecotoxicological effects.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : In accordance with local and national regulations.

The product should not be allowed to enter drains, water courses or the soil.

Waste water from subsequent processing should be given appropriate treatment in line with local regulations.

Contaminated packaging : In accordance with local and national regulations.

SECTION 14: Transport information

14.1 UN number

Not dangerous goods

14.2 UN proper shipping name

Not dangerous goods

14.3 Transport hazard class(es)

Not dangerous goods

14.4 Packing group

Not dangerous goods

14.5 Environmental hazards

Not dangerous goods

14.6 Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

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14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Remarks : Not applicable

SECTION 15: Regulatory information

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

Other regulations:

This mixture is not classified as dangerous according to Directive 1999/45/EC.

This mixture contains only ingredients which have been subject to a pre-registration according to Regulation (EC) No. 1907/2006 (REACH).

15.2 Chemical safety assessment

Not applicable

SECTION 16: Other information

Full text of H-Statements

H301	: Toxic if swallowed.
H311	: Toxic in contact with skin.
H314	: Causes severe skin burns and eye damage.
H317	: May cause an allergic skin reaction.
H331	: Toxic if inhaled.
H335	: May cause respiratory irritation.
H400	: Very toxic to aquatic life.
H410	: Very toxic to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox.	: Acute toxicity
Aquatic Acute	: Acute aquatic toxicity
Aquatic Chronic	: Chronic aquatic toxicity
M-Factor	: M-Factor
Skin Corr.	: Skin corrosion
Skin Sens.	: Skin sensitisation
STOT SE	: Specific target organ toxicity - single exposure

Further information

Other information : This data sheet contains changes from the previous version in section(s):

- 3. Composition/information on ingredients
- 8. Exposure controls/personal protection
- 16. Other information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Classification procedure:

Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific

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material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

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