

# SAFETY DATA SHEET according to regulation 1907/2006



**Product name: 7220 M22 Wash Primer**

**Creation date: 06.11.2020, Revision: 18.02.2021, version: 1.2**

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

#### 1.1.1 Product name

7220 M22 Wash Primer

#### 1.1.3 Product code

7220



<https://my.chemius.net/p/8ZjWnt/en/pd/en>

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

#### 1.2.1 Relevant identified uses

Primer.

#### 1.2.2 Uses advised against

No information.

### 1.3 Details of the supplier of the safety data sheet

#### 1.3.1 Supplier

SILCO, D.O.O.

Šentrupert 5 a

3303 Gomilsko, Slovenia

+386 3 703 3180

n.cvilak@silco-automotive.com

### 1.4 Emergency Telephone Number

#### Emergency

112

#### Supplier

+386 3 703 3180

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

#### 2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP)

Flam. Liq. 2; H225 Highly flammable liquid and vapour.

Skin Irrit. 2; H315 Causes skin irritation.

Skin Sens. 1; H317 May cause an allergic skin reaction.

Eye Irrit. 2; H319 Causes serious eye irritation.

Aquatic Chronic 2; H411 Toxic to aquatic life with long lasting effects.

### 2.2 Label elements

#### 2.2.1 Labelling according to Regulation (EC) No 1272/2008 [CLP]

**Signal word: Danger**

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P370 + P378 In case of fire: Use CO<sub>2</sub>, foam or dry powder to extinguish.

P391 Collect spillage.

**2.2.2 Contains:**

reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700)

**2.3 Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances**

For mixtures see 3.2.

**3.2 Mixtures**

NAME	CAS EC INDEX REACH	%	CLASSIFICATION ACCORDING TO REGULATION (EC) NO 1272/2008 (CLP)	SPECIFIC CONC. LIMITS	NOTES FOR SUBSTANCES
Xylene, mixed isomers	1330-20-7 215-535-7 601-022-00-9 01- 2119488216- 32	21 ≤ - < 22,5	Flam. Liq. 3; H226 Acute Tox. 4; H312 Skin Irrit. 2; H315 Acute Tox. 4; H332	/	C
n-butyl acetate	123-86-4 204-658-1 607-025-00-1 01- 2119485493- 29	12 ≤ - < 13,5	Flam. Liq. 3; H226 STOT SE 3; H336 EUH066	/	/
2-methoxy-1-methylethyl acetate	108-65-6 203-603-9 607-195-00-7	12 ≤ - < 13,5	Flam. Liq. 3; H226	/	/
Talk (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	14807-96-6 238-877-9 -	9 ≤ - < 10,5	Acute Tox. 4; H332 STOT SE 3; H335	/	/

trizinc bis(orthophosphate)	7779-90-0 231-944-3 030-011-00-6	9 ≤ - < 10,5	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	/	/
reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700)	25068-38-6 500-033-5 603-074-00-8	7 ≤ - < 8	Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Irrit. 2; H319 Aquatic Chronic 2; H411	Skin Irrit. 2; H315; C ≥ 5 Eye Irrit. 2; H319; C ≥ 5	/
ethyl acetate	141-78-6 205-500-4 607-022-00-5 01- 2119475103- 46	2 ≤ x < 2,5	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 EUH066	/	/

#### Notes for substances

- C** Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers.  
In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

## SECTION 4: FIRST AID MEASURES

### 4.1 First aid measures

#### 4.1.1 General notes

Never give anything by mouth to an unconscious person. Place patient in recovery position and ensure airway patency. When in doubt or if feeling unwell seek medical assistance. Show the safety data sheet and label to the physician.

#### 4.1.2 Following inhalation

Remove patient to fresh air - move out of dangerous area. In the event of breathing difficulties, get medical advice/attention immediately.

#### 4.1.3 Following skin contact

Take off all contaminated clothing. Areas of the body that have come into contact with the product must be rinsed with water. If symptoms develop and persist, seek medical attention. Wash contaminated clothes and shoes before reuse.

#### 4.1.4 Following eye contact

Remove contact lenses, if present and easy to do. Immediately flush eyes with running water, keeping eyelids apart. If irritation persists, seek professional medical attention.

#### 4.1.5 Following ingestion

Consult a physician. Do not induce vomiting without prior consultation with a doctor. Never give anything by mouth to an unconscious person.

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

#### 4.2.1 Following inhalation

Excessive exposure to spray mist, fog, or vapours may cause respiratory irritation. Coughing, sneezing, nasal discharge, labored breathing.

#### 4.2.2 Following skin contact

Itching, redness, pain. May cause sensitisation by skin contact (itching, redness, rashes).

#### 4.2.3 Following eye contact

Redness, tearing, pain.

#### 4.2.4 Following ingestion

May cause abdominal discomfort. May cause nausea/vomiting and diarrhea.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

#### 5.1.1 Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>).

Foam.

Fire extinguishing powder.

#### 5.1.2 Unsuitable extinguishing media

Full water jet. In general use of water is not advisable, because it can be ineffective. It can be used, however, to cool down exposed vessels.

### 5.2 Special hazards arising from the substance or mixture

#### 5.2.1 Hazardous combustion products

In case of a fire toxic gases can be generated; do not inhale gases/smoke.

### 5.3 Advice for firefighters

#### 5.3.1 Protective actions

In case of fire or heating do not breathe fumes/vapours. Cool containers at risk with water spray. If possible remove containers from endangered area. Prolonged heating can cause an explosion. Vapours can travel to a source of ignition and flash back.

#### 5.3.2 Special protective equipment for fire-fighters

Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves) (EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (EN 137).

#### 5.3.3 Additional information

Contaminated extinguishing agents must be disposed of in accordance with the regulations; do not allow to reach the sewage system.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

#### 6.1.1 For non-emergency personnel

##### Protective equipment

Use personal protective equipment (Section 8).

##### Precautionary measures

Ensure adequate ventilation. Keep away from sources of ignition and/or heat; No smoking!

##### Emergency procedures

Evacuate the danger zone. Prevent access to unprotected personnel. Avoid contact with skin, eyes and clothing. Do not breathe vapour or mist. Do not use open fire and keep away all sources of ignition.

#### 6.1.5 For emergency responders

Use personal protective equipment.

### 6.2 Environmental precautions

Do not allow product to reach water/drains/sewage systems or permeable soil. If accidental large entry into water or

ground occurs, inform responsible authorities.

### 6.3 Methods and material for containment and cleaning up

#### 6.3.1 For containment

Stem the spill if this does not pose risks.

#### 6.3.2 For cleaning up

Absorb product (with inert material), collect it in special container and dispose it to a licensed hazardous-waste disposal contractor. Evaluate the compatibility of the container to be used, by checking section 10. Dispose in accordance with applicable regulations (see Section 13). Make sure the leakage site is well aired. Use only explosion-proof instruments and equipment. Prevent release into the sewer, water, basements or confined areas.

#### 6.3.3 OTHER INFORMATION

See Section 7: safe handling.

### 6.4 Reference to other sections

See also sections 8 and 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

#### 7.1.1 Protective measures

##### Measures to prevent fire

Ensure adequate ventilation. Keep away from sources of ignition - no smoking. Vapours are heavier than air and spread along the floor. They form explosive mixtures with air. Take precautionary measures against static discharges. Only use grounded containers and equipment when transporting / transferring - possible danger of accumulation of electrostatic charges. Antistatic clothes and footwear are recommended. Use spark-proof tools. Protect from open fire and other sources of ignition or heat.

##### Measures to prevent aerosol and dust generation

Use general or local exhaust ventilation to prevent inhaling vapours and aerosols.

##### Measures to protect the environment

Avoid release to the environment.

#### 7.1.6 Advice on general occupational hygiene

Use good personal hygiene practices – wash hands at breaks and when done working with material. Do not eat, drink or smoke while working. Avoid contact with skin, eyes and clothes. Do not breathe vapours/mist. Remove contaminated clothes and wash them before reuse. Wear suitable protective equipment; see Section 8. Open and handle the container with caution.

### 7.2 Conditions for safe storage, including any incompatibilities

#### 7.2.1 Technical measures and storage conditions

Store in accordance with local regulations. Keep in tightly closed container. Keep in a cool, dry and well ventilated place. Keep away from sources of ignition - no smoking. Protect from direct sunlight. Keep away from incompatible products (see section 10). Keep away from food, drink and animal feeding stuffs.

#### 7.2.2 Packaging materials

Store only in original container.

#### 7.2.3 Requirements for storage rooms and vessels

Close opened containers after use. Put the containers upright to prevent from leaking. Do not store in unlabelled containers.

### 7.3 Specific end use(s)

#### Recommendations

Do not use compressed air during filling, emptying or handling.

#### Industrial sector specific solutions

No information.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### 8.1.1 Occupational Exposure limit values

NAME	MG/M <sup>3</sup>	ML/M <sup>3</sup>	SHORT-TERM VALUE MG/M <sup>3</sup>	SHORT-TERM VALUE ML/M <sup>3</sup>	REMARK	BIOLOGICAL TOLERANCE VALUES
Xylene, o-,m-,p- or mixed isomers (1330-20-7)	220	50	441	100	Sk, BMGV	650 mmol methyl hippuric acid/mol creatinine in urine - Post shift
1-Methoxypropyl acetate (108-65-6)	274	50	548	100	Sk	/
Butyl acetate (123-86-4)	724	150	966	200	/	/
Ethyl acetate (141-78-6)	734	200	1468	400	/	/
Talc, respirable dust (14807-96-6)	1	/	/	/	/	/

#### 8.1.2 Information on monitoring procedures

BS EN 14042:2003 Title Identifier: Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 482:2012+A1:2015 Workplace exposure. General requirements for the performance of procedures for the measurement of chemical agents.

#### 8.1.3 DNEL/DMEL values

For product

No information.

For components

No information.

#### 8.1.6 PNEC values

For product

No information.

For components

No information.

### 8.2 Exposure controls

#### 8.2.1 Appropriate engineering control

##### Substance/mixture related measures to prevent exposure during identified uses

Use good personal hygiene practices – wash hands at breaks and when done working with material. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke while working. Avoid contact with skin, eyes and clothes. Personal protective equipment must be CE marked, showing that it complies with applicable standards.

##### Organisational measures to prevent exposure

Keep eyewash bottles or personal eyewash units and emergency showers available. Remove all contaminated clothes immediately and wash them before reuse.

##### Technical measures to prevent exposure

The use of adequate technical equipment must always take priority over personal protective equipment. Provide good ventilation and local exhaust in areas with increased concentration.

#### 8.2.6 Personal protective equipment

##### Eye and face protection

Tight fitting protective goggles (EN 166).

##### Hand protection

Use only protective gloves with CE-labelling of category III (EN 374). Observe the manufacturer's instructions regarding the use, storage, maintenance and replacement of gloves. In case of damage or at the first signs of wear and tear, change

the gloves immediately. 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.

#### Skin protection

Wear category II professional long-sleeved overalls and safety footwear (see Regulation (EU) 2016/425 and standard EN ISO 20344). Cotton protective clothing and shoes that cover the entire foot (EN ISO 20345). Protective antistatic clothing EN 1149 (1:2006, 2:1998 and 3:2004, 5:2008), protective antistatic shoes (EN 20345:2012). Choose body protection according to the activity and possible exposure.

#### Respiratory protection

If the concentration limit values are exceeded, it is necessary to wear appropriate respiratory protection. Wear suitable respiratory protection mask (EN 136:1998) with an AX-P2 combination filter (EN 14387:2004 +A1:2008). The protection provided by masks is in any case limited. For dust/gas/ vapor concentrations above the applicable filter limit, in case of oxygen concentrations below 17% or in vague conditions, autonomous self-contained breathing apparatus should be used, according to standard EN 137, EN 138.

#### 8.2.12 Environmental exposure controls

##### Substance/mixture related measures to prevent exposure

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

##### Instruction measures to prevent exposure

No information.

##### Organisational measures to prevent exposure

No information.

##### Technical measures to prevent exposure

Do not allow product to reach drains, sewage systems or ground water.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

#### Physical state

liquid

#### 9.1.2 Colour

slight yellow tint

#### 9.1.3 Odour

characteristic

#### 9.1.4 Important health, safety and environmental information

Odour threshold	No information.
pH	No information.
Melting point/Freezing point	No information.
Initial boiling point/boiling range	> 35 °C
Flash point	22 – 23 °C
Evaporation rate	No information.
Flammability (solid, gas)	No information.
Explosion limits (vol%)	No information.
Vapour pressure	No information.
Vapour density	No information.
Density / weight	Density: 1.22 kg/L
Solubility	Organic solvent: Soluble

Partition coefficient	No information.
Auto-ignition temperature	No information.
Decomposition temperature	No information.
Viscosity	No information.
Explosive properties	No information.
Oxidising properties	No information.

## 9.2 OTHER INFORMATION

Weight organic solvents	595.74 g/l 48.83 % 430.25 g/l (volatile carbon) 35.27 % (volatile carbon)
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## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable under recommended transport or storage conditions.

### 10.2 Chemical stability

Product is stable under normal conditions of use, recommended handling and storage conditions.

### 10.3 Possibility of hazardous reactions

Vapours and air can form flammable or explosive mixtures.

### 10.4 Conditions to avoid

Protect from heat, direct sunlight, open fire, sparks. Take precautionary measures against static discharges.

### 10.5 Incompatible materials

Follow the general rule of incompatible chemicals. Bases.  
Acids.  
Oxidants.

### 10.6 Hazardous decomposition products

Under normal use conditions no hazardous decomposition products are expected. In case of fire/explosion vapours/gases that pose a health hazard are released.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### (a) Acute toxicity



## For product

EXPOSURE ROUTE	TYPE	SPECIES	TIME	VALUE	METHOD	REMARK
inhalation	LC <sub>50</sub>	/	/	> 5 mg/l	/	dust/aerosol
inhalation	LC <sub>50</sub>	/	/	> 20 mg/l	/	vapours
dermal	LD <sub>50</sub>	/	/	> 2000 mg/kg	/	/

## For components

NAME	EXPOSURE ROUTE	TYPE	SPECIES	TIME	VALUE	METHOD	REMARK
Xylene, mixed isomeres	oral	LD <sub>50</sub>	rat	/	3523 mg/kg	/	/
Xylene, mixed isomeres	inhalation	LC <sub>50</sub>	rat	4 h	26 mg/l	/	/
Xylene, mixed isomeres	dermal	LD <sub>50</sub>	rabbit	/	4350 g/kg	/	/
n-butyl acetate	oral	LD <sub>50</sub>	rat	/	> 6400 mg/kg	/	/
n-butyl acetate	dermal	LD <sub>0</sub>	rabbit	/	> 5000 mg/kg	/	/
n-butyl acetate	inhalation	LC <sub>50</sub>	rat	4 h	21.1 mg/l	/	/
2-methoxy-1-methylethyl acetate	oral	LD <sub>50</sub>	rat	/	8530 mg/kg	/	/
2-methoxy-1-methylethyl acetate	dermal	LD <sub>50</sub>	rat	/	> 5000 mg/kg	/	/
trizinc bis(orthophosphate)	oral	LD <sub>50</sub>	rat	/	> 5000 mg/kg	Wistar Wistar	/
trizinc bis(orthophosphate)	inhalation	LC <sub>50</sub>	rat	4 h	> 5.7 mg/l	/	/

## Additional information

The product is not classified for acute toxicity.

## (b) Skin corrosion/irritation

For product

No information.

For components

No information.

## Additional information

Causes skin irritation.

## (c) Serious eye damage/irritation

For product

No information.

For components

No information.

## Additional information

Causes serious eye irritation.

## (d) Respiratory or skin sensitisation

For product

No information.

For components

No information.

## Additional information

May cause an allergic skin reaction.

## (e) (Germ cell) mutagenicity

For product

No information.

For components

No information.

(f) Carcinogenicity

For product

No information.

For components

NAME	EXPOSURE ROUTE	TYPE	SPECIES	TIME	VALUE	RESULT
Xylene, mixed isomers	/	/	/	/	/	IARC 3: Not classifiable as to carcinogenicity to humans.

(g) Reproductive toxicity

For product

No information.

For components

No information.

Summary of evaluation of the CMR properties

The product is not classified as carcinogenic, mutagenic or toxic for reproduction.

(h) STOT-single exposure

For product

No information.

For components

No information.

Additional information

STOT SE (single exposure): Not classified.

(i) STOT-repeated exposure

For product

No information.

For components

No information.

Additional information

STOT RE (repeated exposure): Not classified.

(j) Aspiration hazard

For product

No information.

For components

No information.

Additional information

Aspiration hazard: Not classified.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### 12.1.1 Acute (short-term) toxicity

For product

No information.

For components

NAME	TYPE	VALUE	EXPOSURE TIME	SPECIES	ORGANISM	METHOD	REMARK
trizinc bis(orthophosphate)	LC <sub>50</sub>	0.78 mg/L	96 h	fish	<i>Pimephales promelas</i>	/	/
trizinc bis(orthophosphate)	EC <sub>50</sub>	0.86 mg/L	48 h	crustacea	<i>Daphnia magna</i>	/	/

**12.1.4 Chronic (long-term) toxicity**

For product

No information.

For components

No information.

**12.1.7 Additional information**

No information.

**12.2 Persistence and degradability****12.2.1 Abiotic degradation, physical- and photo-chemical elimination**

For product

No information.

For components

No information.

**12.2.4 Biodegradation**

For product

No information.

For components

NAME	TYPE	RATE	TIME	EVALUATION	METHOD	REMARK
Xylene, mixed isomeres	Water solubility	100 - 1000 mg/L	/	/	/	/
n-butyl acetate	Water solubility	1000 - 10000 mg/L	/	/	/	/
2-methoxy-1-methylethyl acetate	Water solubility	> 10000 mg/L	/	/	/	/
2-methoxy-1-methylethyl acetate	biodegradability	/	/	rapidly biodegradable	/	/
Talk (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	Water solubility	< 0.1 mg/L	/	/	/	/
trizinc bis(orthophosphate)	Water solubility	2.7 mg/L	/	/	/	/
reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700)	Water solubility	0.1 - 100 mg/L	/	/	/	/
reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700)	biodegradability	/	/	Not rapidly biodegradable.	/	/
ethyl acetate	Water solubility	> 10000 mg/L	/	/	/	/
ethyl acetate	biodegradability	/	/	rapidly biodegradable	/	/

**12.2.7 Additional information**

No information.

**12.3 Bioaccumulative potential****12.3.1 Partition coefficient**

For product

No information.

For components

NAME	MEDIA	VALUE	TEMPERATURE	PH	CONCENTRATION	METHOD
Xylene, mixed isomeres	Log Pow	3.12	/	/	/	/
n-butyl acetate	Log Pow	0.68	/	/	/	/
2-methoxy-1-methylethyl acetate	Log Pow	1.2	/	/	/	/
reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight $\leq$ 700)	Log Pow	> 2.918	/	/	/	/
ethyl acetate	Log Pow	0.68	/	/	/	/

#### 12.3.4 Bioconcentration factor (BCF)

For product

No information.

For components

NAME	SPECIES	ORGANISM	VALUE	DURATION	EVALUATION	METHOD	REMARK
Xylene, mixed isomeres	BCF	/	25.9	/	/	/	/
n-butyl acetate	BCF	/	30	/	/	/	/
reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight $\leq$ 700)	BCF	/	31	/	/	/	/
ethyl acetate	BCF	/	30	/	/	/	/

#### 12.3.7 Additional information

No information.

### 12.4 Mobility in soil

#### 12.4.1 Known or predicted distribution to environmental compartments

For product

No information.

For components

No information.

#### 12.4.4 Surface tension

For product

No information.

For components

No information.

#### 12.4.7 Adsorption/Desorption

For product

No information.

For components

NAME	TYPE	CRITERION	VALUE	EVALUATION	METHOD	REMARK
Xylene, mixed isomeres	Soil	log KOC	2.73	/	/	/
n-butyl acetate	Soil	log KOC	< 3	/	/	/
reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight $\leq$ 700)	Soil	log KOC	2.65	/	/	/

**12.4.10 Additional information**

No information.

**12.5 Results of PBT and vPvB assessment**

The product does not contain any PBT or vPvB substances in percentages greater than 0.1%.

**12.6 Other adverse effects**

No information.

**12.7 Additional information****For product**

Do not allow to reach ground water, water courses or sewage system. Toxic to aquatic life with long lasting effects.  
Water hazard class 2 (self-assessment): hazardous for water.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods****13.1.1 Product / Packaging disposal****Waste chemical**

Dispose of in accordance with applicable waste disposal regulation. Disposal must be made according to official regulations: deliver it to authorised collector/remover/transformer of hazardous waste.

**Packaging**

Dispose of in accordance with applicable waste disposal regulation. Uncleaned containers are classified as hazardous waste - they should be handled in the same manner as the contents. Deliver completely emptied containers to approved waste disposal authorities.

**13.1.6 Waste treatment-relevant information**

No information.

**13.1.7 Sewage disposal-relevant information**









No information.

**13.1.8 Other disposal recommendations**

No information.

**SECTION 14: TRANSPORT INFORMATION**

ADR/RID	IMDG	IATA	ADN
<b>14.1 UN number</b>			
UN 1263	UN 1263	UN 1263	UN 1263
<b>14.2 UN proper shipping name</b>			
PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base vapour pressure at 50 °C more than 110 kPa)	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base vapour pressure at 50 °C more than 110 kPa) (trizinc bis(orthophosphate))	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base vapour pressure at 50 °C more than 110 kPa)	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base vapour pressure at 50 °C more than 110 kPa)
<b>14.3 Transport hazard class(es)</b>			
3	3	3	3

			
			
<b>14.4 Packing group</b>			
II	II	II	II
<b>14.5 Environmental hazards</b>			
YES	Marine pollutant	YES	YES
<b>14.6 Special precautions for user</b>			
Limited quantities 5 L Transport category 2 Tunnel restriction code (D/E)	Limited quantities 5 L EmS F-E, <u>S-E</u> Special provisions 163, 367, 640C, 650 Packing Instructions P001 Special packing provisions PP1 Tank instructions T4 Tank special provisions TP1, TP8, TP28	Limited Quantity Packing Instructions Y341 Limited Quantity Net Qty 1 L Passenger Packing Instruction Packing Instructions 353 Passenger Packing Instruction Net Qty 5 L Special provisions A3, A72, A192	Limited quantities 5 L
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>			
Goods may not be carried in bulk in bulk containers, containers or vehicles.	Goods may not be carried in bulk in bulk containers, containers or vehicles.	Not given/not applicable	Not given/not applicable

## SECTION 15: REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)(including last amendment Commission Regulation (EU) 2015/830)

- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

#### Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline)

EU limit values and category: B(c) 540 g/l. VOC Content: 699 g/l

#### Special instructions

Seveso P5c: FLAMMABLE LIQUIDS. Seveso III, E2: hazardous to the aquatic environment. Regulation (EC) No. 1907/2006 (REACH) Annex XVII - Terms of restriction: 3, 40. On the basis of available data, the product does not contain any SVHC in percentage greater than 0,1%. Water hazard class 2 (self-assessment): hazardous for water.

## 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## SECTION 16: OTHER INFORMATION

### Indication of changes

No information.

### Key literature references and sources for data

No information.

### Abbreviations and acronyms

ATE - Acute Toxicity Estimate  
 ADR - Agreement concerning the International Carriage of Dangerous Goods by Road  
 ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
 CEN - European Committee for Standardisation  
 C&L - Classification and Labelling  
 CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008  
 CAS# - Chemical Abstracts Service number  
 CMR - Carcinogen, Mutagen, or Reproductive Toxicant  
 CSA - Chemical Safety Assessment  
 CSR - Chemical Safety Report  
 DMEL - Derived Minimal Effect Level  
 DNEL - Derived No Effect Level  
 DPD - Dangerous Preparations Directive 1999/45/EC  
 DSD - Dangerous Substances Directive 67/548/EEC  
 DU - Downstream User  
 EC - European Community  
 ECHA - European Chemicals Agency  
 EC-Number - EINECS and ELINCS Number (see also EINECS and ELINCS)  
 EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)  
 EEC - European Economic Community  
 EINECS - European Inventory of Existing Commercial Substances  
 ELINCS - European List of notified Chemical Substances  
 EN - European Standard  
 EQS - Environmental Quality Standard  
 EU - European Union  
 Euphrac - European Phrase Catalogue  
 EWC - European Waste Catalogue (replaced by LoW – see below)  
 GES - Generic Exposure Scenario  
 GHS - Globally Harmonized System  
 IATA - International Air Transport Association  
 ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air  
 IMDG - International Maritime Dangerous Goods  
 IMSBC - International Maritime Solid Bulk Cargoes  
 IT - Information Technology  
 IUCLID - International Uniform Chemical Information Database  
 IUPAC - International Union for Pure Applied Chemistry  
 JRC - Joint Research Centre  
 Kow - octanol-water partition coefficient  
 LC50 - Lethal Concentration to 50 % of a test population  
 LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)  
 LE - Legal Entity  
 LoW - List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)  
 LR - Lead Registrant  
 M/I - Manufacturer / Importer  
 MS - Member States  
 MSDS - Material Safety Data Sheet  
 OC - Operational Conditions  
 OECD - Organization for Economic Co-operation and Development  
 OEL - Occupational Exposure Limit  
 OJ - Official Journal

OR - Only Representative  
OSHA - European Agency for Safety and Health at work  
PBT - Persistent, Bioaccumulative and Toxic substance  
PEC - Predicted Effect Concentration  
PNEC(s) - Predicted No Effect Concentration(s)  
PPE - Personal Protection Equipment  
(Q)SAR - Qualitative Structure Activity Relationship  
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006  
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail  
RIP - REACH Implementation Project  
RMM - Risk Management Measure  
SCBA - Self-Contained Breathing Apparatus  
SDS - Safety data sheet  
SIEF - Substance Information Exchange Forum  
SME - Small and Medium sized Enterprises  
STOT - Specific Target Organ Toxicity  
(STOT) RE - Repeated Exposure  
(STOT) SE - Single Exposure  
SVHC - Substances of Very High Concern  
UN - United Nations  
vPvB - Very Persistent and Very Bioaccumulative

#### List of relevant H phrases

H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
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.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H411 Toxic to aquatic life with long lasting effects.