Cover Sheet for the Safety Data Sheet

Revised on 10.02.2026

Product Identification:

Trade name	**808 Alfa proteXos primer**
Intended use	adhesion promoter

Supplier transmitting the Safety Data Sheet:

Sievert AG,
Aspstrasse 44,
CH-8472 Ober-Ohringen
Tel: +41 52 235 38 00
info@sievert.ch

National emergency number: **145** (available 24 h, Tox Info Suisse, Zurich; for calls from Switzerland; information available in German, French and Italian)

Information for users regarding:

Section 7	*No additional information to the German Safety Data Sheet*
Section 8	*Components with occupational exposure limits — basis: CH SUVA* ***77-58-7: Dibutyltin Dilaurate*** *MAK-Wert: 0,004 ppm (0,02 mg/m³)* ***1330-20-7: Xylol (mix of isomers)*** *MAK-Wert: 50 ppm (220 mg/m³)*
Section 13	*No additional information to the German Safety Data Sheet*
Section 15	*VOC-CH (VOCV): 75 weight-%* *Water hazard class: B*

Cover sheet created: 10.02.2026

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 1 Jul 2025
Print date: 10 Feb 2026
Version: 2

Qualität für's Handwerk

808 Alfa proteXos Primer

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

1.1. Product identifier

Trade name/designation:

808 Alfa proteXos Primer

Article No.:

8080025, 8080001

UFI:

A5R6-GAQU-J20Y-5UTD

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

Use of the substance/mixture:

Adhesion promotor

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

Alfa GmbH
Ferdinand-Porsche-Str. 10
73479 Ellwangen
Germany
Telephone: +41 (0)5 22 02 40 30
E-mail: kontakt@alfa-direkt.ch
Website: www.alfa-direkt.ch

1.4. Emergency telephone number

Tox Info Suisse, 24h: 145

Sievert AG, Aspstrasse 44, CH-8472 Ober-Ohringen, 24h: +41 52 235 38 00

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
flammable liquids *(Flam. Liq. 3)*	H226: Flammable liquid and vapour.	
Aspiration hazard *(Asp. Tox. 1)*	H304: May be fatal if swallowed and enters airways.	
Acute toxicity (dermal) *(Acute Tox. 4)*	H312: Harmful in contact with skin.	
Skin corrosion/irritation *(Skin Irrit. 2)*	H315: Causes skin irritation.	
Respiratory or skin sensitisation *(Skin Sens. 1)*	H317: May cause an allergic skin reaction.	
Serious eye damage/eye irritation *(Eye Irrit. 2)*	H319: Causes serious eye irritation.	
Acute toxicity (inhalative) *(Acute Tox. 4)*	H332: Harmful if inhaled.	
STOT-single exposure *(STOT SE 3)*	H335: May cause respiratory irritation.	
STOT-repeated exposure *(STOT RE 2)*	H373: May cause damage to organs through prolonged or repeated exposure.	
Hazardous to the aquatic environment *(Aquatic Chronic 3)*	H412: Harmful to aquatic life with long lasting effects.	

808 Alfa proteXos Primer

2.2. Label elements

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

Hazard pictograms:

GHS08
Health hazard

GHS07
Exclamation mark

GHS02
Flame

Signal word: Danger

Hazard components for labelling:

Hexamethylenediisocyanateoligomers, isocyanurate; Xylol (mix of isomers)

Hazard statements for physical hazards	
H226	Flammable liquid and vapour.

Hazard statements for health hazards	
H304	May be fatal if swallowed and enters airways.
H312 + H332	Harmful in contact with skin or if inhaled.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.

Hazard statements for environmental hazards	
H412	Harmful to aquatic life with long lasting effects.

Supplemental hazard information	
EUH208	Contains dibutyltin dilaurate. May produce an allergic reaction.

Precautionary statements Prevention	
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.
P280	Wear protective gloves/protective clothing and eye protection/face protection.

Precautionary statements Response	
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P342 + P311	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

2.3. Other hazards

No data available

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 1330-20-7 EC No.: 215-535-7 Index No.: 601-022-00-9 REACH No.: 01-2119488216-32	**Xylol (mix of isomers)** Acute Tox. 4 (H332, H312), Aquatic Chronic 3 (H412), Asp. Tox. 1 (H304), Eye Irrit. 2 (H319), Flam. Liq. 3 (H226), STOT RE 2 (H373), STOT SE 3 (H335), Skin Irrit. 2 (H315)  Danger **Acute Toxicity Estimate** ATE (oral) 4,300 mg/kg ATE (dermal) 12,126 mg/kg ATE (inhalation, gases) 3,907 ppmV ATE (inhalation, vapour) 0.027571 mg/L ATE (inhalation, dust/mist) 1.5 mg/L	44 – < 75 weight-%
CAS No.: 28182-81-2 EC No.: 931-274-8	**Hexamethylenediisocyanateoligomers, isocyanurate** Acute Tox. 4 (H332), STOT SE 3 (H335), Skin Sens. 1 (H317)  Warning **Specific concentration limit (SCL)** Resp. Sens. 1; H334: C ≥ 0.5% Skin Sens. 1; H317: C ≥ 0.5% **Acute Toxicity Estimate** ATE (oral) > 2,500 mg/kg ATE (dermal) > 2,000 mg/kg ATE (inhalation, dust/mist) 1.5 mg/L	14 – < 30 weight-%
CAS No.: 77-58-7 EC No.: 201-039-8 Index No.: 050-030-00-3 REACH No.: 01-2119496068-27-0004	**dibutyltin dilaurate** Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Eye Irrit. 2 (H319), Muta. 2 (H341), Repr. 1B (H360FD), STOT RE 1 (H372), STOT SE 1 (H370), Skin Sens. 1 (H317)  Danger **Acute Toxicity Estimate** ATE (oral) 175 mg/kg ATE (dermal) > 2,000 mg/kg ATE (inhalation, vapour) > 3 mg/L	0 – < 0.3 weight-%

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended. Warning First aider: Pay attention to self-protection!

Following inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician. Get medical advice/attention. Get medical advice/attention if you feel unwell.

In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing. Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention.

After eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Following ingestion:
Rinse mouth. Let 1 glass of water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell. Do NOT induce vomiting. Observe risk of aspiration if vomiting occurs. Get immediate medical advice/attention.

Self-protection of the first aider:
Use personal protection equipment. Avoid contact with skin, eyes and clothes. No direct artificial respiration to be given by first aider.

4.2. Most important symptoms and effects, both acute and delayed
Pneumonia Pulmonary oedema Skin corrosion/irritation Allergic reactions Serious eye damage/eye irritation Irritation to respiratory tract

4.3. Indication of any immediate medical attention and special treatment needed
Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
Carbon dioxide (CO2) Extinguishing powder Water spray jet alcohol resistant foam

5.2. Special hazards arising from the substance or mixture
Combustible

Hazardous combustion products:
In case of fire: Gases/vapours, toxic

5.3. Advice for firefighters
Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:
Remove persons to safety.

Protective equipment:
Wear protective gloves/protective clothing/eye protection/face protection.

6.1.2. For emergency responders

Personal protection equipment:
Personal protection equipment: see section 8

6.2. Environmental precautions
Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For containment:
Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

6.4. Reference to other sections
Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

6.5. Additional information
Use appropriate container to avoid environmental contamination.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:
Wear personal protection equipment (refer to section 8).

Fire prevent measures:
Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

Advices on general occupational hygiene
When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:
Keep container tightly closed in a cool, well-ventilated place.

Storage class (TRGS 510, Germany): 3 – Flammable liquids

Further information on storage conditions:
Keep container tightly closed.

7.3. Specific end use(s)

Industrial sector specific solutions:
PU systems, harmful, CMR suspected, containing solvent (>10% VOC)

GISCODE:
PU50

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
IOELV (EU)	**Xylol (mix of isomers)** CAS No.: 1330-20-7 EC No.: 215-535-7	① 50 ppm (221 mg/m³) ② 100 ppm (442 mg/m³) ⑤ (may be absorbed through the skin)
CH from 1 Jan 2025	**Xylol (mix of isomers)** CAS No.: 1330-20-7 EC No.: 215-535-7	① 50 ppm (220 mg/m³) ② 100 ppm (440 mg/m³) ⑤ (kann über die Haut aufgenommen werden) H B; Messmeth: INRS NIOSH
CH from 1 Jan 2024	**dibutyltin dilaurate** CAS No.: 77-58-7 EC No.: 201-039-8	① 0.004 ppm (0.02 mg/m³) ② 0.004 ppm (0.02 mg/m³) ⑤ (einatembare Fraktion; kann über die Haut aufgenommen werden) H R1B SSB; Messmeth: NIOSH OSHA

8.1.2. Biological limit values

Limit value type (country of origin)	Substance name	Limit value	① Parameter ② Test material ③ Time of sampling: ④ Remark
BAT (CH) from 1 Jan 2025	**Xylol (mix of isomers)** CAS No.: 1330-20-7 EC No.: 215-535-7	2 g/l	① Methylhippursäuren ② Urin ③ Expositionsende bzw. Schichtende
BAT (CH) from 2 Jan 2022	**Hexamethylenediisocyanateoligomers, isocyanurate** CAS No.: 28182-81-2 EC No.: 931-274-8	15 µg/g Creatinin	① Hexamethylendiamin nach Hydrolyse ② Urin ③ Expositionsende bzw. Schichtende

8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
Xylol (mix of isomers) CAS No.: 1330-20-7 EC No.: 215-535-7	77 mg/m³	① DNEL worker ② Long-term – inhalation, systemic effects
Xylol (mix of isomers) CAS No.: 1330-20-7 EC No.: 215-535-7	14.8 mg/m³	① DNEL Consumer ② Long-term – inhalation, systemic effects
Xylol (mix of isomers) CAS No.: 1330-20-7 EC No.: 215-535-7	289 mg/m³	① DNEL worker ② Acute - inhalation, systemic effects
Xylol (mix of isomers) CAS No.: 1330-20-7 EC No.: 215-535-7	180 mg/kg	① DNEL worker ② Long-term - dermal, systemic effects
Xylol (mix of isomers) CAS No.: 1330-20-7 EC No.: 215-535-7	108 mg/kg	① DNEL Consumer ② Long-term - dermal, systemic effects
Xylol (mix of isomers) CAS No.: 1330-20-7 EC No.: 215-535-7	1.6 mg/kg	① DNEL Consumer ② Long-term - oral, systemic effects
dibutyltin dilaurate CAS No.: 77-58-7 EC No.: 201-039-8	0.02 mg/m³	① DNEL worker ② Long-term – inhalation, systemic effects
dibutyltin dilaurate CAS No.: 77-58-7 EC No.: 201-039-8	0.43 mg/kg bw/day	① DNEL worker ② Long-term - dermal, systemic effects
dibutyltin dilaurate CAS No.: 77-58-7 EC No.: 201-039-8	2.05 mg/kg bw/day	① DNEL worker ② Acute – dermal, systemic effects

Substance name	PNEC Value	① PNEC type
Xylol (mix of isomers) CAS No.: 1330-20-7 EC No.: 215-535-7	0.327 mg/L	① PNEC aquatic, freshwater
Xylol (mix of isomers) CAS No.: 1330-20-7 EC No.: 215-535-7	0.327 mg/L	① PNEC aquatic, marine water

Substance name	PNEC Value	① PNEC type
Xylol (mix of isomers) CAS No.: 1330-20-7 EC No.: 215-535-7	6.58 mg/L	① PNEC sewage treatment plant
Xylol (mix of isomers) CAS No.: 1330-20-7 EC No.: 215-535-7	12.46 mg/kg	① PNEC sediment, freshwater
Xylol (mix of isomers) CAS No.: 1330-20-7 EC No.: 215-535-7	12.46 mg/kg	① PNEC sediment, marine water
Xylol (mix of isomers) CAS No.: 1330-20-7 EC No.: 215-535-7	0.327 mg/L	① PNEC aquatic, intermittent release
dibutyltin dilaurate CAS No.: 77-58-7 EC No.: 201-039-8	0.463 µg/L	① PNEC aquatic, freshwater
dibutyltin dilaurate CAS No.: 77-58-7 EC No.: 201-039-8	0.0463 µg/L	① PNEC aquatic, marine water
dibutyltin dilaurate CAS No.: 77-58-7 EC No.: 201-039-8	100 mg/L	① PNEC sewage treatment plant
dibutyltin dilaurate CAS No.: 77-58-7 EC No.: 201-039-8	0.05 mg/kg	① PNEC sediment, freshwater
dibutyltin dilaurate CAS No.: 77-58-7 EC No.: 201-039-8	0.005 mg/kg	① PNEC sediment, marine water

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No data available

8.2.2. Personal protection equipment

Eye/face protection:

Eye glasses with side protection EN 166

Skin protection:

Tested protective gloves must be worn EN ISO 374 Thickness of the glove material: 0,4 mm In the case of wanting to use the gloves again, clean them before taking off and air them well. Breakthrough times and swelling properties of the material must be taken into consideration. Suitable material: Butyl caoutchouc (butyl rubber) Breakthrough time: min

Respiratory protection:

Respiratory protection necessary at: insufficient ventilation Filter type: EN 14387. Filtering device with filter or ventilator filtering device of type: AX

8.2.3. Environmental exposure controls

No data available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid
Form: Liquid
Colour: transparent
Odour: Xylene
flammability: Yes

Safety relevant basis data

Parameter	Value	① Method ② Remark
pH	*No data available*	
Melting point	*No data available*	
Freezing point	*No data available*	
Initial boiling point and boiling range	137 °C	
Flash point	25 °C	
Evaporation rate	*No data available*	
Auto-ignition temperature	*No data available*	
Upper/lower flammability or explosive limits	*No data available*	
Vapour pressure	*No data available*	
Vapour density	*No data available*	
Density	*No data available*	
Bulk density	*not applicable*	
Water solubility	*No data available*	
Dynamic viscosity	*No data available*	
Kinematic viscosity	*No data available*	

9.2. Other information
No data available

SECTION 10: Stability and reactivity

10.1. Reactivity
Flammable liquid and vapour.

10.2. Chemical stability
No known hazardous reactions.

10.3. Possibility of hazardous reactions
No known hazardous reactions.

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 known hazardous decomposition products. Gases/vapours, toxic

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Xylol (mix of isomers) CAS No.: 1330-20-7 EC No.: 215-535-7
ATE dermal: 1,100 mg/kg
ATE inhalativ Dämpfe: 11 mg/L
ATE inhalativ Stäube+Nebel: 1.5 mg/L
LD_{50} oral: 4,300 mg/kg (Rat)
LD_{50} dermal: 12,126 mg/kg (Rabbit)
LC_{50} Acute inhalation toxicity (gas): 3,907 ppmV 6 h (mouse)
LC_{50} Acute inhalation toxicity (vapour): 0.027571 mg/L 4 h (Rat)
LC_{50} Acute inhalation toxicity (dust/mist): 1.5 mg/L

Hexamethylenediisocyanateoligomers, isocyanurate CAS No.: 28182-81-2 EC No.: 931-274-8	
LD_{50} oral: >2,500 mg/kg (Ratte) OECD 423	
LD_{50} dermal: >2,000 mg/kg (Ratte) OECD 402	
LC_{50} Acute inhalation toxicity (dust/mist): 1.5 mg/L 4 h OECD 403	
dibutyltin dilaurate CAS No.: 77-58-7 EC No.: 201-039-8	
LD_{50} oral: 175 mg/kg (Ratte)	
LD_{50} dermal: >2,000 mg/kg (Rat) OECD 402	
LC_{50} Acute inhalation toxicity (vapour): >3 mg/L 4 h (Rat) OECD 403	

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

Acute dermal toxicity:
Harmful in contact with skin.

Acute inhalation toxicity:
Harmful if inhaled.

Skin corrosion/irritation:
Causes skin irritation.

Serious eye damage/irritation:
Causes serious eye irritation.

Respiratory or skin sensitisation:
May cause an allergic skin reaction. Contains dibutyltin dilaurate. May produce an allergic reaction.

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.

STOT-single exposure:
May cause respiratory irritation.

STOT-repeated exposure:
May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard:
May be fatal if swallowed and enters airways.

Additional information:
No data available

11.2. Information on other hazards
No data available

SECTION 12: Ecological information

12.1. Toxicity

Xylol (mix of isomers) CAS No.: 1330-20-7 EC No.: 215-535-7
LC_{50}: 15.7 mg/L 4 d (fish)
LC_{50}: 2.2 mg/L 3 d (Algae/water plant, Alge) OECD 201
LC_{50}: 2.6 mg/L 4 d (fish, Oncorhynchus mykiss) OECD 203
EC_{50}: 4.6 mg/L 3 d (Algae/water plant, Selenastrum capricornutum Pseudokirchneriella subcapitata) OECD 201
EC_{50}: 4.6 mg/L 3 d (Algae/water plant, Selenastrum capricornutum Pseudokirchneriella subcapitata)
EC_{50}: 1 mg/L 2 d (crustaceans, Daphnia magna (Big water flea))
NOEC: 1.57 mg/L 21 d (crustaceans, Daphnia magna) OECD 211
NOEC: 1.57 mg/L 21 d (crustaceans, Daphnia magna)
NOEC: 0.96 mg/L 56 d (fish)
IC_{50}: 1 mg/L 1 d (crustaceans, Daphnia magna) OECD 202
IC_{50}: 1 mg/L 1 d (crustaceans, Daphnia magna)
LOEC: 3.16 mg/L 21 d (crustaceans, Daphnia magna) OECD 211
LOEC: 3.16 mg/L 21 d (crustaceans, Daphnia magna)
Hexamethylenediisocyanateoligomers, isocyanurate CAS No.: 28182-81-2 EC No.: 931-274-8
LC_{50}: ≥100 mg/L 4 d (fish, fish)
LC_{50}: 127 mg/L 2 d (crustaceans, crustaceans)
EC_{50}: >1,000 mg/L 3 d (Algae/water plant, Alge)
LC_{50}: ≥100 mg/L 4 d (fish)
EC_{50}: >1,000 mg/L 3 d (Algae/water plant)
dibutyltin dilaurate CAS No.: 77-58-7 EC No.: 201-039-8
LC_{50}: 2 mg/L 2 d (fish, fish)
EC_{50}: 1 mg/L 3 d (Algae/water plant, Alge)
LC_{50}: 3.1 mg/L 4 d (fish, rachydanio rerio)
EC_{50}: 0.463 mg/L 2 d (crustaceans, Daphnia magna) OECD 202
NOEC: 1.7 mg/L 2 d (crustaceans, Daphnia magna)
LC_{50}: 21.2 mg/L 4 d (fish, Danio reri) OECD 203
EC_{50}: >1 mg/L 3 d (Algae/water plant, , Desmodesmus subspicatus)
NOEC: 1.7 – 3.4 mg/L 2 d (crustaceans, Daphnia magna)

Aquatic toxicity:

Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

Xylol (mix of isomers) CAS No.: 1330-20-7 EC No.: 215-535-7
Biodegradation: Yes, rapidly
Hexamethylenediisocyanateoligomers, isocyanurate CAS No.: 28182-81-2 EC No.: 931-274-8
Biodegradation: Yes, rapidly
dibutyltin dilaurate CAS No.: 77-58-7 EC No.: 201-039-8
Biodegradation: Poorly biodegradable.

12.3. Bioaccumulative potential

Xylol (mix of isomers) CAS No.: 1330-20-7 EC No.: 215-535-7
Log K_{OW}: 3.12
Bioconcentration factor (BCF): 25.9

dibutyltin dilaurate CAS No.: 77-58-7 EC No.: 201-039-8
Log K_{OW}: 4.44
Bioconcentration factor (BCF): 3.7

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

Xylol (mix of isomers) CAS No.: 1330-20-7 EC No.: 215-535-7
Results of PBT and vPvB assessment: —
Hexamethylenediisocyanateoligomers, isocyanurate CAS No.: 28182-81-2 EC No.: 931-274-8
Results of PBT and vPvB assessment: —
dibutyltin dilaurate CAS No.: 77-58-7 EC No.: 201-039-8
Results of PBT and vPvB assessment: —

12.6. Endocrine disrupting properties

No data available

12.7. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

08 01 11 *	Waste paint and varnish containing organic solvents or other dangerous substances

**: Evidence for disposal must be provided.*

Waste treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
UN 1139	UN 1139	UN 1139	UN 1139
14.2. UN proper shipping name			
Coating solution	Coating solution	Coating solution	Coating solution
14.3. Transport hazard class(es)			
 3	 3	 3	 3
14.4. Packing group			
III	III	III	III
14.5. Environmental hazards			
No	No	No	No
14.6. Special precautions for user			
Limited quantity (LQ): 5 L	**Limited quantity (LQ):** 5 L	**Special Provisions:** 955	**Special Provisions:** A3

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
Excepted Quantities (EQ): E1 **Hazard identification number (Kemler No.):** 30 **Classification code:** F1 **Tunnel restriction code:** (D/E)	**Excepted Quantities (EQ):** E1 **Classification code:** F1	**Limited quantity (LQ):** 5 L **Excepted Quantities (EQ):** E1 **EmS-No.:** F-E, S-E	**Limited quantity (LQ):** Y344 **Excepted Quantities (EQ):** E1

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

15.1.1. EU legislation

Other regulations (EU):

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive], Hazard categories:

- P5a Flammable Liquids, Category 1 or 2
- P5b Flammable liquids
- P5c Flammable liquids of Categories 2 or 3, not covered by P5a and P5b

Directive 2004/42/EC on the limitation of emissions of volatile organic compounds:

Volatile organic compound (VOC) content: 75 weight-%

15.1.2. National regulations

[CH] National regulations

Water hazard class

Class(es) B

VOC value

75 Gew-%

15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

ACGIH	American Conference of Governmental Industrial Hygienists
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
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	Carcinogenic, Mutagenic, toxic for Reproduction
DIN	German Institute for Standardization / German Industrial Standard
DNEL	derived no-effect level
EC_{50}	Effective Concentration 50%

EN	European Standard
ES	Exposure scenario
EWC	European Waste Catalogue
IC_{50}	Inhibition Concentration 50 %
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
ISO	International Standards Organisation
KG	body weight
LC_{50}	Lethal (fatal) Concentration 50%
LD_{50}	Lethal (fatal) Dose 50%
MAK	Maximum concentration in the workplace air (CH)
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety & Health
NOEC	No Observed Effect Concentration
OECD	Organisation for Economic Cooperation and Development
OEL	Threshold Limit Value
OSHA	Occupational Safety & Health Administration
PBT	persistent and bioaccumulative and toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemicals
RID	Dangerous goods regulations for transport by rail
SCL	Specific concentration limit
TRGS	Technische Regeln für Gefahrstoffe
UN	United Nations
VOC	Volatile organic compounds
ZNS	central nervous system

16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
flammable liquids *(Flam. Liq. 3)*	H226: Flammable liquid and vapour.	
Aspiration hazard *(Asp. Tox. 1)*	H304: May be fatal if swallowed and enters airways.	
Acute toxicity (dermal) *(Acute Tox. 4)*	H312: Harmful in contact with skin.	
Skin corrosion/irritation *(Skin Irrit. 2)*	H315: Causes skin irritation.	
Respiratory or skin sensitisation *(Skin Sens. 1)*	H317: May cause an allergic skin reaction.	
Serious eye damage/eye irritation *(Eye Irrit. 2)*	H319: Causes serious eye irritation.	
Acute toxicity (inhalative) *(Acute Tox. 4)*	H332: Harmful if inhaled.	
STOT-single exposure *(STOT SE 3)*	H335: May cause respiratory irritation.	
STOT-repeated exposure *(STOT RE 2)*	H373: May cause damage to organs through prolonged or repeated exposure.	
Hazardous to the aquatic environment *(Aquatic Chronic 3)*	H412: Harmful to aquatic life with long lasting effects.	

16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

Hazard statements	
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects.
H360FD	May damage fertility. May damage the unborn child.
H370	Causes damage to organs.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

16.6. Training advice

No data available

16.7. Additional information

No data available