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

1.1 Product identifier

Primer 70

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

1.2.1 Relevant uses

Primer
Adhesion mediator

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company

Ramsauer GmbH & Co KG
Alte Bundesstraße 147
5350 Strobl / Wolfgangsee / AUSTRIA
Phone +43 (0)6135 8205 0
Fax +43 (0)6135 8205-250
Homepage www.ramsauer.eu
E-mail office@ramsauer.eu

Address enquiries to

Technical information office@ramsauer.eu

Safety Data Sheet sdb@chemiebuero.de (No dispatch of safety data sheets)

Safety data sheets are available from the supplier.

1.4 Emergency telephone number

Advisory body +43 (0) 1 406 43 43 (24h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008]

Flam. Liq. 2: H225 Highly 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.

2.2 Label elements

The product is required to be labelled in accordance with regulation CLP.

Hazard pictograms

Signal word DANGER

Contains: Acetone

Xylene, mixture of isomers

Ethylbenzene

Hazard statements

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H304 May be fatal if swallowed and enters airways.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 Avoid breathing vapours / spray.
P280 Wear eye protection.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P235 Keep cool.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER / doctor.
P331 Do NOT induce vomiting.
P312 Call a POISON CENTER / doctor if you feel unwell.
P501 Dispose of contents/container in accordance with local/national regulation.

Special labelling EUH066 Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

Physico-chemical hazards Contact with moisture liberates Ethanol.

Environmental 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.
The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Other hazards Further hazards were not determined with the current level of knowledge.

SECTION 3: Composition / Information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

The product is a mixture.

Range [%]	Substance
45 - <55	Acetone
	CAS: 67-64-1, EINECS/ELINCS: 200-662-2, EU-INDEX: 606-001-00-8, Reg-No.: 01-2119471330-49-XXXX
	GHS/CLP: Flam. Liq. 2: H225 - Eye Irrit. 2: H319 - STOT SE 3: H336 - EUH066
5 - <10	Xylene, mixture of isomers
	CAS: 1330-20-7, EINECS/ELINCS: 215-535-7, EU-INDEX: 601-022-00-9, Reg-No.: 01-2119488216-32-XXXX
	GHS/CLP: Flam. Liq. 3: H226 - Acute Tox. 4: H312 H332 - Skin Irrit. 2: H315 - STOT RE 2: H373 - Asp. Tox. 1: H304 - Eye Irrit. 2: H319 - STOT SE 3: H335 - Aquatic Chronic 3: H412
1 - <3	Tetraethyl silicate
	CAS: 78-10-4, EINECS/ELINCS: 201-083-8, EU-INDEX: 014-005-00-0, Reg-No.: 01-2119496195-28-XXXX
	GHS/CLP: Flam. Liq. 3: H226 - Acute Tox. 4: H332 - Eye Irrit. 2: H319 - STOT SE 3: H335
1 - <3	Ethylbenzene
	CAS: 100-41-4, EINECS/ELINCS: 202-849-4, EU-INDEX: 601-023-00-4, Reg-No.: 01-2119489370-35-XXXX
	GHS/CLP: Flam. Liq. 2: H225 - Acute Tox. 4: H332 - STOT RE 2: H373 - Asp. Tox. 1: H304 - Aquatic Chronic 3: H412

Comment on component parts For full text of H-statements: see SECTION 16.
Contains one or more substances listed in Regulation (EU) 2019/1148 Annex II.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information Remove contaminated soaked clothing immediately and dispose of safely.

Inhalation Ensure supply of fresh air.
In the event of symptoms seek medical treatment.

Skin contact In case of contact with skin wash off immediately with soap and water.
Consult a doctor if skin irritation persists.

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.

Ingestion Seek medical advice immediately.
Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Headache
Irritant effects
If swallowed or in the event of vomiting, risk of product entering the lungs.
Allergic reactions

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide.
Water spray jet.
Dry powder.
Alcohol-resistant foam.

Extinguishing media that must not be used

Full water jet.

5.2 Special hazards arising from the substance or mixture

In the event of fire the following can be released:
Carbon monoxide (CO)

5.3 Advice for firefighters

Use self-contained breathing apparatus.

Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.
Cool containers at risk with water spray jet.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from all sources of ignition.
Ensure adequate ventilation.
Use personal protective equipment (protective gloves, safety glasses, protective clothing).
High risk of slipping due to leakage/spillage of product.

6.2 Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers).
Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g. sand).
Dispose of absorbed material in accordance within the regulations.

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use only in well-ventilated areas.
Vacuuming in situ required.

Keep away from all sources of ignition - Refrain from smoking.
Vapours can form an explosive mixture with air.
Take precautionary measures against static discharges.
Risk of explosion if the liquid enters the drains.
Connect equipment to earth.
Apparates and equipments must be conform in accordance to standard of storage and handling of flammable products.

Do not eat, drink, smoke or take drugs at work.
After worktime and before work breaks the affected skin areas must be thoroughly cleaned.
Use barrier skin cream.
Remove contaminated soaked clothing immediately and dispose of safely.

7.2 Conditions for safe storage, including any incompatibilities

Provide solvent-resistant and impermeable floor.
Keep only in original container.
Prevent penetration into the ground.
Provide floor with bunding.

Do not store together with oxidizing agents.
Do not store together with food and animal food/diet.

Keep container tightly closed.
Keep container in a well-ventilated place.
Keep in a cool place. Store in a dry place.

7.3 Specific end use(s)

See product use, SECTION 1.2

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored EU (2004/37/EG)

Substance / EC LIMIT VALUES
Xylene, mixture of isomers
CAS: 1330-20-7, EINECS/ELINCS: 215-535-7, EU-INDEX: 601-022-00-9, Reg-No.: 01-2119488216-32-XXXX
Eight hours: 50 ppm, 221 mg/m³, H
Short-term (15-minute): 100 ppm, 442 mg/m³
Acetone
CAS: 67-64-1, EINECS/ELINCS: 200-662-2, EU-INDEX: 606-001-00-8, Reg-No.: 01-2119471330-49-XXXX
Eight hours: 500 ppm, 1210 mg/m³
Tetraethyl silicate
CAS: 78-10-4, EINECS/ELINCS: 201-083-8, EU-INDEX: 014-005-00-0, Reg-No.: 01-2119496195-28-XXXX
Eight hours: 5 ppm, 44 mg/m³
Ethylbenzene
CAS: 100-41-4, EINECS/ELINCS: 202-849-4, EU-INDEX: 601-023-00-4, Reg-No.: 01-2119489370-35-XXXX
Eight hours: 100 ppm, 442 mg/m³, H
Short-term (15-minute): 200 ppm, 884 mg/m³

DNEL

Substance
Acetone, CAS: 67-64-1
Industrial, inhalative, Long-term - systemic effects, 1210 mg/m³
Industrial, dermal, Long-term - systemic effects, 186 mg/kg bw/d
Industrial, inhalative, Long-term - local effects, 2420 mg/m³
general population, inhalative, Long-term - systemic effects, 200 mg/m³
general population, oral, Long-term - systemic effects, 62 mg/kg bw/d
general population, dermal, Long-term - systemic effects, 62 mg/kg bw/d
Xylene, mixture of isomers, CAS: 1330-20-7
Industrial, inhalative, Long-term - systemic effects, 221 mg/m³
Industrial, inhalative, Acute - systemic effects, 442 mg/m³
Industrial, inhalative, Long-term - local effects, 221 mg/m³
Industrial, dermal, Long-term - systemic effects, 212 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 65,3 mg/m³
general population, inhalative, Acute - systemic effects, 260 mg/m³
general population, inhalative, Long-term - local effects, 65,3 mg/m³
general population, inhalative, Acute - local effects, 260 mg/m³
general population, dermal, Long-term - systemic effects, 125 mg/kg bw/day
general population, oral, Long-term - systemic effects, 5 mg/kg bw/day
Tetraethyl silicate, CAS: 78-10-4
Industrial, inhalative, Acute - systemic effects, 44 mg/m³
Industrial, inhalative, Acute - local effects, 44 mg/m³
Industrial, dermal, Long-term - systemic effects, 6,3 mg/kg bw/day
Industrial, inhalative, Long-term - local effects, 44 mg/m³
Industrial, inhalative, Long-term - systemic effects, 44 mg/m³
general population, inhalative, Acute - local effects, 5,3 mg/m³
general population, inhalative, Acute - systemic effects, 5,3 mg/m³
general population, inhalative, Long-term - local effects, 5,3 mg/m³
general population, inhalative, Long-term - systemic effects, 5,3 mg/m³
general population, dermal, Long-term - systemic effects, 1,8 mg/kg bw/day
Ethylbenzene, CAS: 100-41-4
Industrial, inhalative (vapor), Acute - local effects, 293 mg/m³
Industrial, inhalative (vapor), Long-term - systemic effects, 77 mg/m³

Industrial, dermal, Long-term - systemic effects, 180 mg/kg bw/d
general population, inhalative (vapor), Long-term - systemic effects, 15 mg/m³
general population, oral, Long-term - systemic effects, 1,6 mg/kg bw/day

PNEC

Substance
Acetone, CAS: 67-64-1
freshwater, 10,6 mg/L
seawater, 1,06 mg/L
sediment (freshwater), 30,4 mg/kg sediment dw
sediment (seawater), 3,04 mg/kg sediment dw
soil, 29,5 mg/kg soil dw
sewage treatment plants (STP), 100 mg/L
Xylene, mixture of isomers, CAS: 1330-20-7
freshwater, 0,044 mg/L
seawater, 0,004 mg/L
sewage treatment plants (STP), 1,6 mg/L
sediment (freshwater), 2,52 mg/kg sediment dw
sediment (seawater), 0,252 mg/kg sediment dw
soil, 0,852 mg/kg soil dw
Ethylbenzene, CAS: 100-41-4
freshwater, 0,1 mg/l (Ass.factor 10)
seawater, 0,01 mg/l (Ass.factor 10)
sewage treatment plants (STP), 9,6 mg/l (Ass.factor 10)
sediment (freshwater), 13,7 mg/kg dw
sediment (seawater), 1,37 mg/kg dw
soil, 2,68 mg/kg dw
oral (food), 0,02 g/kg food

8.2 Exposure controls

Additional advice on system design
Ensure adequate ventilation on workstation.
Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.

Eye protection
Tightly fitting goggles. (EN 166:2001)

Hand protection
0,7 mm Butyl rubber, >480 min (EN 374-1/-2/-3).
The details concerned are recommendations. Please contact the glove supplier for further information.

Skin protection
Solvent-resistant protective clothing (EN 340)

Other
Avoid contact with eyes and skin.
Do not inhale gases/vapours/aerosols.
Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.
It is essential for pregnant women to avoid inhaling the product and not to let it come in contact with the skin.

Respiratory protection
In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection.
Short term: filter apparatus, filter AX (DIN EN 14387).

Thermal hazards
not applicable

Delimitation and monitoring of the environmental exposition
Protect the environment by applying appropriate control measures to prevent or limit emissions.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Form	liquid
Color	colourless
Odor	characteristic
Odour threshold	not determined
pH-value	ca. 7
pH-value [1%]	not determined
Boiling point or initial boiling point and boiling range [°C]	56
Flash point [°C]	-18
Flammability	540
Lower explosion limit	2,3 Vol.-%
Upper explosion limit	13 Vol.-%
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	23,3 (20°C)
Density [g/cm³]	ca. 0,90 (DIN 51757) (20 °C / 68,0 °F)
Relative density	not determined
Bulk density [kg/m³]	not applicable
Solubility in water	900 g/L (20 °C) miscible
Solubility other solvents	No information available.
Partition coefficient n-octanol/water (log value)	not determined
Kinematic viscosity	1,5 mm²/s (25°C)(DIN 51562-1)
Relative vapour density	not determined
Melting point [°C]	not determined
Auto-ignition temperature [°C]	465
Decomposition temperature [°C]	not determined
Particle characteristics	No information available.

9.2 Other information

Dynamic viscosity: 1 - 2 mPa.s (25°C) (DIN 51562).

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed.

10.2 Chemical stability

The product is stable under standard conditions.

10.3 Possibility of hazardous reactions

Reactions with water.
Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.
Reactions with acids, alkalies and oxidizing agents.

10.4 Conditions to avoid

See SECTION 7.2.

10.5 Incompatible materials

Water
Reactions with strong acids and alkalies.

10.6 Hazardous decomposition products

Contact with moisture liberates Ethanol.

SECTION 11: Toxicological information

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

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

Substance
Acetone, CAS: 67-64-1
LD50, oral, Rat, 5800 mg/kg bw, OECD 401
Xylene, mixture of isomers, CAS: 1330-20-7
LD50, oral, Rat, 3523 mg/kg
Tetraethyl silicate, CAS: 78-10-4
LD50, oral, Rat, > 2500 mg/kg, OECD 423
NOAEL, oral, Rat, 10 mg/kg (28 d), OECD 422
Ethylbenzene, CAS: 100-41-4
LD50, oral, Rat, 3500 mg/kg

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

Substance
Acetone, CAS: 67-64-1
LD50, dermal, Rabbit, >7400 mg/kg bw
Xylene, mixture of isomers, CAS: 1330-20-7
LD50, dermal, Rabbit, 12126 mg/kg
Tetraethyl silicate, CAS: 78-10-4
dermal, Rabbit, OECD 404, non-irritating
Ethylbenzene, CAS: 100-41-4
LD50, dermal, Rabbit, 15400 mg/kg

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

Substance
Acetone, CAS: 67-64-1
LC50, inhalative, Rat, 76 mg/L, 4h
Xylene, mixture of isomers, CAS: 1330-20-7
LC50, inhalative, Rat, 27,12 mg/l (4 h)
Tetraethyl silicate, CAS: 78-10-4
LC50, inhalative, Rat, 10 - 16,8 mg/l, OECD 403
Ethylbenzene, CAS: 100-41-4
LC50, inhalative, Rat, 17,2 mg/l (4 h)

Serious eye damage/irritation Irritant

Substance
Acetone, CAS: 67-64-1
Eye, irritant
Xylene, mixture of isomers, CAS: 1330-20-7
Eye, Rabbit, In vivo study, irritant
Tetraethyl silicate, CAS: 78-10-4
Eye, Human, irritant
Ethylbenzene, CAS: 100-41-4
Eye, In vivo study, negativ, negativ,

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Substance
Acetone, CAS: 67-64-1
dermal, non-irritating
Xylene, mixture of isomers, CAS: 1330-20-7
dermal, Rabbit, In vivo study, irritant

Tetraethyl silicate, CAS: 78-10-4
dermal, Rabbit, OECD 404, non-irritating
Ethylbenzene, CAS: 100-41-4
dermal, In vivo study, negativ, negativ,

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

Substance
Acetone, CAS: 67-64-1
dermal, non-sensitizing
Xylene, mixture of isomers, CAS: 1330-20-7
mouse, OECD 429, non-sensitizing
Tetraethyl silicate, CAS: 78-10-4
dermal, Guinea pig, OECD 406, non-sensitizing
Ethylbenzene, CAS: 100-41-4
dermal, non-sensitizing

Specific target organ toxicity — single exposure Vapours may cause drowsiness and dizziness.

Substance
Acetone, CAS: 67-64-1
inhalative, adverse effect observed

Specific target organ toxicity — repeated exposure May cause damage to organs through prolonged or repeated exposure through inhalation.

Substance
Acetone, CAS: 67-64-1
NOAEL, oral, Rat, 10000 - 50000 ppm, no adverse effect observed
NOAEL, oral, mouse, 20000 ppm, no adverse effect observed
NOAEC, inhalative, Rat, 19000 ppm, no adverse effect observed
LOAEL, oral, Rat, 20000 ppm, no adverse effect observed
LOAEL, oral, mouse, 50000 ppm, no adverse effect observed
Xylene, mixture of isomers, CAS: 1330-20-7
NOAEL, oral, Rat, 250 mg/kg bw/day
NOAEC, inhalative, Rat, 3515 mg/m³
Tetraethyl silicate, CAS: 78-10-4
NOAEL, oral, Rat, 2000 mg/kg bw/day, OECD 408, no adverse effect observed
LOAEC, inhalative, mouse, 426 mg/m³, OECD 412
Ethylbenzene, CAS: 100-41-4
NOAEL, oral, Rat, 75 mg/kg bw/day, In vivo study, positive

Mutagenicity Does not contain a relevant substance that meets the classification criteria.

Substance
Acetone, CAS: 67-64-1
in vitro, negativ
in vivo, negativ
Xylene, mixture of isomers, CAS: 1330-20-7
subkutane, mouse, OECD 478, negativ
Tetraethyl silicate, CAS: 78-10-4
in vitro, OECD 471, negativ
in vitro, OECD 473, negativ
in vitro, OECD 476, negativ

Reproduction toxicity Does not contain a relevant substance that meets the classification criteria.

- Fertility

Substance
Xylene, mixture of isomers, CAS: 1330-20-7
NOAEC, inhalative, Rat, 2171 mg/m³, In vivo study, negativ
Tetraethyl silicate, CAS: 78-10-4
NOAEL, oral, Rat, 1000 mg/kg bw/day, OECD 416, no adverse effect observed
Ethylbenzene, CAS: 100-41-4
NOAEC, inhalative, Rat, 4342,13 mg/m³, In vivo study, negativ, Fruchtbarkeit,

- Development

Substance
Xylene, mixture of isomers, CAS: 1330-20-7
NOAEC, inhalative, Rat, 2171 mg/m³, In vivo study, negativ
NOAEC, oral, Rat, 300 mg/kg bw/day, adverse effect observed
Tetraethyl silicate, CAS: 78-10-4
NOAEL, oral, Rat, 1000 mg/kg bw/day, OECD 422, no adverse effect observed

Carcinogenicity Does not contain a relevant substance that meets the classification criteria.

Substance
Xylene, mixture of isomers, CAS: 1330-20-7
NOAEL, oral, Rat, 500 mg/kg bw/day

Aspiration hazard May be fatal if swallowed and enters airways.

General remarks

Toxicological data of complete product are not available.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

11.2.2 Other information none

SECTION 12: Ecological information

12.1 Toxicity

Ecological data of complete product are not available.

Substance
Acetone, CAS: 67-64-1
LC50, (96h), Fish, 5,54 - 8,12 g/L
LC50, (48h), Daphnia pulex, 8800 mg/l
LC50, (24h), Invertebrates, 2,1 g/L
EC50, (0,5h), Microorganisms, 61,15 g/L
NOEC, (28d), Invertebrates, 1,106 - 2,212 g/L
NOEC, (96h), Algae, 430 mg/l
LOEC, (28d), Invertebrates, 2,212 g/L
Xylene, mixture of isomers, CAS: 1330-20-7
LC50, (96h), Oncorhynchus mykiss, 4,2 mg/L
EC50, (72h), Algae, 4,6 mg/L
IC50, (24h), Daphnia magna, 2,2 mg/L
Tetraethyl silicate, CAS: 78-10-4
LC50, (96h), Brachidanio rerio, > 245 mg/l (OECD TG 203)
EC50, (48h), Daphnia magna, > 75 mg/l (OECD TG 202)
EC50, (72h), Pseudokirchneriella subcapitata, > 100 mg/l (OECD TG 201)
NOEC, (72h), Pseudokirchneriella subcapitata, > 100 mg/l (OECD TG 201)
NOEC, (48h), Daphnia magna, > 75 mg/l (OECD TG 202)
NOEC, (96h), Brachidanio rerio, > 245 mg/l (OECD TG 203)
Ethylbenzene, CAS: 100-41-4
LC50, (96h), Oncorhynchus mykiss, 4,2 mg/l
EC50, (48h), Algae, 1,8 - 2,4 mg/L
EC50, (48h), Daphnia magna, 1,8 - 2,9 mg/l

12.2 Persistence and degradability

Behaviour in environment compartments not determined

Behaviour in sewage plant not determined

Biological degradability not determined

Substance
Xylene, mixture of isomers, CAS: 1330-20-7
(28d), 98%, OECD 301 F, The product is readily biodegradable.

12.3 Bioaccumulative potential

not determined

12.4 Mobility in soil

not determined

12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Dispose of as hazardous waste.

Waste no. (recommended) 080111*

Contaminated packaging

Uncontaminated packaging may be taken for recycling.

Waste no. (recommended) 150110* packaging containing residues of or contaminated by hazardous substances
150102

SECTION 14: Transport information

14.1 UN number or ID number

Transport by land according to ADR/RID	1993
Inland navigation (ADN)	1993
Marine transport in accordance with IMDG	1993
Air transport in accordance with IATA	1993

14.2 UN proper shipping name

Transport by land according to ADR/RID	Flammable liquid, n.o.s. (Aceton, Xylenes)
- Classification Code	F1
- Label	
- ADR LQ	1 l
- ADR 1.1.3.6 (8.6)	Transport category (tunnel restriction code) 2 (D/E)
Inland navigation (ADN)	Flammable liquid, n.o.s. (Aceton, Xylenes)
- Classification Code	F1
- Label	
Marine transport in accordance with IMDG	Flammable liquid, n.o.s. (Acetone, Xylenes)
- EMS	F-E, S-E
- Label	
- IMDG LQ	1 l
Air transport in accordance with IATA	Flammable liquid, n.o.s. (Acetone, Xylenes)
- Label	

14.3 Transport hazard class(es)

Transport by land according to ADR/RID	3
Inland navigation (ADN)	3
Marine transport in accordance with IMDG	3
Air transport in accordance with IATA	3

14.4 Packing group

Transport by land according to ADR/RID	II
Inland navigation (ADN)	II
Marine transport in accordance with IMDG	II
Air transport in accordance with IATA	II

14.5 Environmental hazards

Transport by land according to ADR/RID	no
Inland navigation (ADN)	no
Marine transport in accordance with IMDG	no
Air transport in accordance with IATA	no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Maritime transport in bulk according to IMO instruments

not determined

SECTION 15: Regulatory information

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

EEC-REGULATIONS	2008/98/EG (2000/532/EC); 2010/75/EU; 2004/42/EG; (EG) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EWG ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 2024/573; (EU) 2019/1148; (EU) 2019/1021, (EU) 2023/707
- Comment on component parts	Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
- Annex II ((EU) 2019/1148)	The product contains Aceton and is subject to Annex II.
- Annex XIV (REACH)	According to Annex XIV of Regulation (EC) 1907/2006 (REACH) the product does not contain any substances ≥ 0.1% that are subject to authorisation.
- Annex XVII (REACH)	According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product contains ≥ 0.1% of substances with the following restrictions. 40, 75 According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product is not subject to any restrictions.
TRANSPORT-REGULATIONS	ADR (2025); IMDG-Code (2025, 42. Amdt.); IATA-DGR (2025)
NATIONAL REGULATIONS (EU):	
- Observe employment restrictions for people	Observe employment restrictions for young people. Observe employment restrictions for mothers-to-be and nursing mothers.
- VOC (2010/75/CE)	<70 %

15.2 Chemical safety assessment

not applicable

SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H373 May cause damage to hearing organs through prolonged or repeated exposure.
H332 Harmful if inhaled.

H412 Harmful to aquatic life with long lasting effects.
H335 May cause respiratory irritation.
H304 May be fatal if swallowed and enters airways.
H373 May cause damage to organs through prolonged or repeated exposure.
H315 Causes skin irritation.
H312+H332 Harmful in contact with skin or if inhaled.
H226 Flammable liquid and vapour.
EUH066 Repeated exposure may cause skin dryness or cracking.
H336 May cause drowsiness or dizziness.
H319 Causes serious eye irritation.
H225 Highly flammable liquid and vapour.

16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
ATE = acute toxicity estimate
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration
ECB = European Chemicals Bureau
EEC = European Economic Community
EINECS = European Inventory of Existing Commercial Chemical Substances
EL50 = Median effective loading
ELINCS = European List of Notified Chemical Substances
EmS = Emergency Schedules
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50%
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform ChemicaL Information Database
IVIS = In vitro irritation score
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
LC0 = lethal concentration, 0%
LOAEL = lowest-observed-adverse-effect level
LL50 = Median lethal loading
LQ = Limited Quantities
MARPOL = International Convention for the Prevention of Marine Pollution from Ships
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
STP = Sewage Treatment Plant
TLV®/TWA = Threshold limit value – time-weighted average
TLV®STEL = Threshold limit value – short-time exposure limit
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative

16.3 Other information

This document does not comply with Regulation (EC) No 1907/2006, article 31 (5) and may be used for internal purposes only.

Classification procedure

Flam. Liq. 2: H225 Highly flammable liquid and vapour. (On basis of test data)
Eye Irrit. 2: H319 Causes serious eye irritation. (Calculation method)
STOT SE 3: H336 May cause drowsiness or dizziness. (Calculation method)
Asp. Tox. 1: H304 May be fatal if swallowed and enters airways. (On basis of test data)

Modified position

1.3, 2.1, 2.2, 2.3, 3.2, 6.1, 6.2, 6.3, 6.4, 7.1, 7.2, 7.3, 8.1, 9.1, 9.2, 11.1, 11.2, 12.1, 12.2, 12.3, 12.4, 12.5, 12.6, 12.7, 14.1, 14.2, 14.3, 14.4, 14.5, 14.6, 14.7, 15.1, 15.2, 16.2, 16.3

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