

Safety data sheet

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BASF Safety data sheet according to the United Nations' Globally Harmonized System (UN GHS)

Date / Revised: 05.04.2024

Version: 6.0

Product: **68 2K-FILL-IN CV Topcoat 400 ml AD7801, PG2**

(ID no. 56519347/SDS_GEN_00/EN)

Date of print 06.04.2024

1. Identification

Product identifier

68 2K-FILL-IN CV Topcoat 400 ml AD7801, PG2

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

Relevant identified uses: Coatings and related products

Details of the supplier of the safety data sheet

Company:

BASF Coatings GmbH
Postfach 6123
48136 Muenster
Deutschland

Telephone: +49/2501/143688

E-mail address: product-safety-coatings@basf.com

Emergency telephone number

International emergency number:

Telephone: +49 180 2273-112

2. Hazards Identification

Classification of the substance or mixture

According to UN GHS criteria

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Skin Corr./Irrit. 3
Eye Dam./Irrit. 2A
Skin Sens. 1A
STOT SE 3 (May cause drowsiness and dizziness.)
Aquatic Acute 3
Aquatic Chronic 3
Flam. Aerosol 1
Flam. Aerosol 1

For the classifications not written out in full in this section the full text can be found in section 16.

Label elements

Globally Harmonized System, UN (GHS)

Pictogram:



Signal Word:

Danger

Hazard Statement:

H222	Extremely flammable aerosol.
H229	Pressurized container: May burst if heated.
H316	Causes mild skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

P251	Do not pierce or burn, even after use.
P280	Wear protective gloves, protective clothing and eye protection or face protection.
P264	Wash contaminated body parts thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.

Precautionary Statements (Response):

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P312	Call a POISON CENTER or physician if you feel unwell.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P333 + P313	If skin irritation or rash occurs: Get medical attention.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P337 + P313	If eye irritation persists: Get medical attention.

Precautionary Statements (Storage):

P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.

Precautionary Statements (Disposal):

P501	Dispose of contents and container to hazardous or special waste collection point.
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Labeling of special preparations (GHS):

Do not spray on an open flame or other ignition source.

Other hazards

According to UN GHS criteria

Container is under pressure. Protect from sun and temperatures above 50 °C. Do not open with force or incinerate even after use. Do not spray into flames or onto glowing objects.

3. Composition/Information on Ingredients

Substances

Not applicable

Mixtures

Chemical nature

acrylic resin, polyisocyanate, fillers, organic solvent, saturated polyester resin

Hazardous ingredients (GHS)

According to UN GHS criteria

Dimethyl ether

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	Content (W/W): $\geq 25\%$ - $< 30\%$ CAS Number: 115-10-6 EC-Number: 204-065-8 INDEX-Number: 603-019-00-8	Press. Gas Liquef. Gas Flam. Gas 1A H280, H220, H230 Substance with EU occupational exposure limit
Acetone	Content (W/W): $\geq 12,5\%$ - $< 15\%$ CAS Number: 67-64-1 EC-Number: 200-662-2 INDEX-Number: 606-001-00-8	Flam. Liq. 2 Eye Irrit. 2A STOT SE 3 (drowsiness and dizziness) H225, H319, H336 EUH066
n-Butyl acetate	Content (W/W): $\geq 10\%$ - $< 12,5\%$ CAS Number: 123-86-4 EC-Number: 204-658-1 INDEX-Number: 607-025-00-1	Flam. Liq. 3 STOT SE 3 (drowsiness and dizziness) Aquatic Acute 3 H226, H336, H402 EUH066
Hexane, 1,6-diisocyanato-, homopolymer	Content (W/W): $\geq 5\%$ - $< 7\%$ CAS Number: 28182-81-2	
Solvent naphtha (petroleum), light arom.	Content (W/W): $\geq 2,5\%$ - $< 3\%$ CAS Number: 64742-95-6	Asp. Tox. 1 Flam. Liq. 3 Skin Corr./Irrit. 2 STOT SE 3 (drowsiness and dizziness) Aquatic Acute 2 Aquatic Chronic 2 H226, H315, H304, H336, H401, H411 EUH066
Xylene	Content (W/W): $\geq 2\%$ - $< 2,5\%$ CAS Number: 1330-20-7 EC-Number: 215-535-7 INDEX-Number: 601-022-00-9	Asp. Tox. 1 Flam. Liq. 3 Acute Tox. 5 (Inhalation - vapour) Acute Tox. 5 (oral) Skin Irrit. 2 Eye Irrit. 2B STOT SE 3 (irr. to respiratory syst.) Aquatic Chronic 3 STOT RE (Central nervous system, Liver, Kidney) 2 Aquatic Acute 2 H226, H320, H315, H304, H335, H373, H303 + H333, H412, H401

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Heptan-2-one

Content (W/W): $\geq 2\%$ - $< 2,5\%$	Flam. Liq. 3
CAS Number: 110-43-0	Acute Tox. 4 (Inhalation - vapour)
EC-Number: 203-767-1	Acute Tox. 4 (oral)
INDEX-Number: 606-024-00-3	Skin Irrit. 3
	STOT SE 3 (drowsiness and dizziness)
	Aquatic Acute 3
	H226, H316, H336, H302 + H332, H402

2-Methoxy-1-methylethyl acetate

Content (W/W): $\geq 2\%$ - $< 2,5\%$	Flam. Liq. 3
CAS Number: 108-65-6	STOT SE 3 (drowsiness and dizziness)
EC-Number: 203-603-9	H226, H336
INDEX-Number: 607-195-00-7	

1,2,4-Trimethylbenzene

Content (W/W): $\geq 1\%$ - $< 2\%$	Asp. Tox. 1
CAS Number: 95-63-6	Flam. Liq. 3
EC-Number: 202-436-9	Acute Tox. 4 (Inhalation - vapour)
REACH registration number: 01-211-9472135-42	Skin Irrit. 2
INDEX-Number: 601-043-00-3	Aquatic Chronic 2
	Eye Irrit. 2A
	STOT SE 3 (irr. to respiratory syst.)
	Aquatic Acute 2
	H226, H319, H315, H332, H304, H335, H401, H411

2,4-pentanedione

Content (W/W): $\geq 1\%$ - $< 2\%$	Flam. Liq. 3
CAS Number: 123-54-6	Acute Tox. 4 (oral)
EC-Number: 204-634-0	Acute Tox. 3 (Inhalation - vapour)
REACH registration number: 01-2119458968-15	Acute Tox. 3 (dermal)
	H311, H331, H302, H226

Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

Content (W/W): $\geq 0,3\%$ - $< 0,5\%$	Acute Tox. 5 (oral)
CAS Number: 41556-26-7	Skin Sens. 1A
EC-Number: 255-437-1	Repr. 2 (fertility)
	Aquatic Acute 1
	Aquatic Chronic 1
	M-factor acute: 1
	H303, H317, H361, H400, H410

Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate

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Content (W/W): $\geq 0,1 \%$ - $< 0,2 \%$	Acute Tox. 5 (oral)
CAS Number: 82919-37-7	Skin Sens. 1A
EC-Number: 280-060-4	Repr. 2 (fertility)
	Aquatic Acute 1
	Aquatic Chronic 1
	M-factor acute: 1
	M-factor chronic: 1
	H303, H317, H361, H400, H410

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4. First-Aid Measures

Description of first aid measures

First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Remove affected person from danger area. Immediately remove contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

If inhaled:

Remove the affected individual into fresh air and keep the person calm. If symptoms persist, seek medical advice. If breathing is irregular or stopped, administer artificial respiration.

On skin contact:

Flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing immediately and clean before re-use or dispose it if necessary. Immediate medical attention required.

On contact with eyes:

Remove contact lenses, if present. Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist. Immediate medical attention required.

On ingestion:

Summon medical aid without delay. Do not induce vomiting due to aspiration hazard. Rinse mouth immediately with water. Keep at rest.

Most important symptoms and effects, both acute and delayed

Symptoms: Eye irritation, allergic symptoms, dazed state, skin irritation, dizziness, Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11.

Antidote: No known specific antidote.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:

carbon dioxide, alcohol-resistant foam, dry powder, water spray

Unsuitable extinguishing media for safety reasons:
water jet

Special hazards arising from the substance or mixture

carbon oxides, nitrogen oxides

Cool containers exposed to fire with water. Decomposition, pressure build-up and bursting of containers may occur.

Advice for fire-fighters

Special protective equipment:

Appropriate breathing apparatus may be required.

Further information:

Cool closed containers in the vicinity of the source of fire. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Avoid breathing vapours. For non-emergency personnel: Use personal protective clothing. Ensure adequate ventilation. Keep away from sources of ignition. For emergency responders: Advice on product handling can be found in sections 7 and 8 of this safety data sheet. Information regarding personal protective measures, see section 8.

Environmental precautions

Do not allow to enter drains or waterways. If the product enters drains or sewers, the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the Environment Agency. Do not discharge into the subsoil/soil.

Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth. Place in a suitable container. The contaminated area should be cleaned up immediately with a suitable decontaminant. One possible (flammable) decontaminant comprises (by volume): ethanol or isopropyl alcohol (50 parts); water (45 parts); concentrated ammonia solution (5 parts). A non-flammable alternative is: sodium carbonate (5 parts); water (95 parts). Add the same decontaminant to the remnants and let stand for several days until no further reaction in non-sealed container. Once this stage is reached, close container and dispose according to the waste regulations (see section 13). Ensure adequate ventilation.

7. Handling and Storage

Precautions for safe handling

Provide good ventilation of working area (local exhaust ventilation if necessary). Do not return residues to the storage containers. Do not spray on an open flame or other ignition source. Handle with care - avoid bumps, friction and impact. Smoking, eating and drinking are forbidden in application area. For personal protection see section 8. Comply with the health and safety at work laws. When operators, whether spraying or not, have to work inside the spray booth, ventilation is

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unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed air-fed respirator during the spraying process and until such time as the particulates and solvent vapour concentration has fallen below the exposure limits. Care should be taken when reopening partly used containers (pressurization!). Avoid inhalation of vapour and spray mist. The workplace should be equipped with an emergency shower and eye-rinsing facility. Avoid contact with the skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice.

Protection against fire and explosion:

Avoid all sources of ignition: heat, sparks, open flame. The relevant fire protection measures should be noted.

Conditions for safe storage, including any incompatibilities

Keep away from strongly acid and strongly alkaline materials, from oxidizing agents, amines, alcohols and water.

Suitable materials for containers: Carbon steel (Iron), tinned carbon steel (Tinplate)

Further information on storage conditions: Keep away from heat. Keep in a cool, well-ventilated place. Avoid direct sunlight. Close containers carefully once opened and store them upright in order to prevent any leakage. No smoking. No admission for unauthorised personnel. Precautions should be taken to minimise exposure to atmospheric humidity or water: carbon dioxide will be formed which in closed containers can result in pressurisation. Always keep in containers of same material as the original one. Observe label precautions.

Specific end use(s)

Please refer to the technical leaflet for further information.

8. Exposure Controls/Personal Protection

Control parameters

Components with occupational exposure limits

67-64-1: Acetone
95-63-6: 1,2,4-Trimethylbenzene
108-65-6: 2-Methoxy-1-methylethyl acetate
110-43-0: Heptan-2-one
115-10-6: Dimethyl ether
123-86-4: n-Butyl acetate
1330-20-7: Xylene

Exposure controls

Personal protective equipment

Respiratory protection:

Suitable respiratory protection: e.g. half-mask with A1P2 class combination filter

Hand protection:

Further information on penetration time is available from the manufacturer of the glove.

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Data are based on information from the glove manufacturer, the raw material manufacturer or according to specifics of the product components.

The protection glove should be tested for its specific suitability (e.g. mechanical strength, product compatibility, anti-static properties).

Follow manufacturer's advice on use, storage, maintenance and replacement of gloves.

The gloves should be replaced immediately in case of damage or signs of wear. It is recommended to use preventative skin protection (skin cream).

Wear protective gloves. Any chemical protection glove certified according to EN ISO 374-1 is suitable: e.g.

butyl rubber gloves - material thickness: 0.5 mm

Eye protection:

Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

Body protection:

chemical-resistant disposable coveralls, Personnel should wear antistatic, flame-retardant clothing made of natural fibres and/or heat-resistant synthetic fibres.

General safety and hygiene measures

Do not breathe vapour/spray. Eye wash fountains and safety showers must be easily accessible.

Under cool dry conditions, it is possible for the isocyanate to remain unreacted in the paint film for up to 30 hours after application. Avoid contact with the skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. This can be achieved by the use of local exhaust ventilation and good general extraction. Respiratory protective equipment should be worn by spray booth operatives. Remove contaminated clothing immediately and dispose of safely. Hands and/or face should be washed before breaks and at the end of the shift. Keep separated from food stuffs and feed stocks.

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

State of matter:	liquid
Form:	liquid
Colour:	various
Odour:	of hydrocarbons
Melting point:	Study technically not feasible.
onset of boiling:	not determined
Flammability:	Extremely flammable aerosol.
Lower explosion limit:	36 g/m ³
Flash point:	not applicable, the product is a gas
Auto-ignition temperature:	> 200 °C
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.
pH value:	substance/mixture reacts violently with water
Viscosity, kinematic:	7,3 mm ² /s (23 °C) without propellant

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(40 °C)
 No data available.
 Solubility in water: Reacts with water.
 Partitioning coefficient n-octanol/water (log Kow):
 not applicable for mixtures
 Vapour pressure:

(20 °C)
 not determined

(50 °C)
 not determined
 Density: 1,100 g/cm³

(20 °C)
 Relative vapour density (air):
 Heavier than air.

9.2. Other information

Information with regard to physical hazard classes

Explosives

Explosion hazard: not explosive

Oxidizing properties

Fire promoting properties: not fire-propagating

Flammable solids

Burning rate: The material doesn't meet the criteria (UN Test N.1 (ready specified in paragraph 33.2.4.4 of UN manual of tests and criteria. combustible solids))

Self-heating substances and mixtures

Self heating ability: It is not a material capable of spontaneous heating

Other safety characteristics

Miscibility with water:

immiscible

Flow time:

> 30 s

(DIN EN ISO 2431; 3 mm)

(23 °C)

without propellant

10. Stability and Reactivity

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

Risk of bursting. Vapours may form explosive mixture with air.

Conditions to avoid

Avoid direct contact with water. Avoid heat. Avoid direct sunlight.

Incompatible materials

Substances to avoid:

Keep away from oxidising agents, strongly alkaline and strongly acidic materials, amines, alcohols and water. Uncontrolled exothermic reactions occur with amines and alcohols. The product reacts with water resulting in evolution of carbon dioxide. In closed containers, pressure build up could result in distortion, blowing and in extreme cases bursting of the container.

Hazardous decomposition products

:

When exposed to high temperatures hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide, oxides of nitrogen, hydrogen cyanide, monomeric isocyanates may be produced., No hazardous decomposition products if stored and handled as prescribed/indicated.

11. Toxicological Information

Information on toxicological effects

Acute toxicity

Assessment of acute toxicity:

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effect on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Repeated and prolonged exposure to solvents at levels significantly above OELs may lead to the development of long-lasting central nervous system disorders such as chronic toxic encephalopathy, signs of toxicity include changes in behaviour and memory. Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

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

Irritation

Assessment of irritating effects:

The liquid splashed in the eyes may cause irritation and reversible damage. Eye contact causes irritation. Skin contact causes slight irritation.

Respiratory/Skin sensitization

Assessment of sensitization:

Sensitization after skin contact possible.

Germ cell mutagenicity

Assessment of mutagenicity:

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

Carcinogenicity**Assessment of carcinogenicity:**

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

Reproductive toxicity**Assessment of reproduction toxicity:**

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

Developmental toxicity**Assessment of teratogenicity:**

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

Specific target organ toxicity (single exposure)**Assessment of STOT single:**

Possible narcotic effects (drowsiness or dizziness).

Repeated dose toxicity and Specific target organ toxicity (repeated exposure)**Assessment of repeated dose toxicity:**

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

Aspiration hazard

No aspiration hazard expected.

Other relevant toxicity information

Based on the properties of the isocyanate components and considering toxicological data on similar product, this product may cause acute irritation and/or sensitization of the respiratory system leading to an asthmatic condition, wheeziness and tightness of the chest. Sensitized persons may subsequently show asthmatic symptoms when exposed to atmospheric concentrations well below the occupational exposure limit. Repeated inhalation may lead to a permanent respiratory disability.

12. Ecological Information

Toxicity

Assessment of aquatic toxicity:

Harmful to aquatic life. Harmful to aquatic life with long lasting effects. There are no test results available for this product. Do not allow to enter drains or waterways.

Persistence and degradability

Assessment biodegradation and elimination (H₂O):

Biological degradability of hazardous substances mentioned in section 3:

Information on: 1,2,4-Trimethylbenzene

Elimination information:

> 20 % BOD of the ThOD (28 d) (OECD 301F; ISO 9408; 92/69/EWG, C.4-D) (aerobic, activated sludge, domestic)

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Information on: Heptan-2-one

Elimination information:

69 % DOC reduction (28 d) (OECD Guideline 310) (aerobic, activated sludge, domestic, non-adapted)

Information on: n-Butyl acetate

Elimination information:

80 % BOD of the ThOD (5 d) (OECD 301D; 92/69/EWG, C.4-E) (aerobic, municipal sewage treatment plant effluent)

Information on: Xylene

Elimination information:

87,8 % BOD of the ThOD (28 d) (OECD Guideline 301 F) (aerobic, activated sludge, domestic, non-adapted)

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Information on: Solvent naphtha (petroleum), light arom.

Elimination information:

77 % BOD of the ThOD (28 d) (OECD 301F; ISO 9408; 92/69/EWG, C.4-D) (aerobic, activated sludge, domestic, non-adapted)

96 % CO₂ formation relative to the theoretical value (28 d) (ISO 14593) (aerobic, activated sludge, domestic, adapted)

Bioaccumulative potential

Bioaccumulation potential:

No data available.

Mobility in soil

Assessment transport between environmental compartments:

Adsorption in soil: No data available.

13. Disposal Considerations

Waste treatment methods

Do not discharge into drains/surface waters/groundwater.

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Observe national and local legal requirements.

Dispose of isocyanate waste in dry containers and never mix together with other wastes (reaction, dangerous pressure build up).

Contaminated packaging:

Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

Residues in empty containers should be neutralised with decontaminant (see section 6).

14. Transport Information

Land transport

ADR

UN number or ID number: UN1950

UN proper shipping name: AEROSOLS

Transport hazard class(es): 2.1

Packing group: Not applicable

Environmental hazards: no

Special precautions for user: Tunnel code: D

RID

UN number or ID number: UN1950

UN proper shipping name: AEROSOLS

Transport hazard class(es): 2.1

Packing group: Not applicable

Environmental hazards: no

Special precautions for user: None known

Inland waterway transport

ADN

UN number or ID number: UN1950

UN proper shipping name: AEROSOLS

Transport hazard class(es): 2.1

Packing group: Not applicable

Environmental hazards: no

Special precautions for user: None known

Transport in inland waterway vessel

Not evaluated

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Sea transport

IMDG

UN number or ID number: UN 1950

UN proper shipping name: AEROSOLS

Transport hazard class(es): 2.1

Packing group: Not applicable

Environmental hazards: no

Marine pollutant: NO

Special precautions for user: EmS: F-D; S-U

Air transport

IATA/ICAO

UN number or ID number: UN 1950

UN proper shipping name: AEROSOLS, FLAMMABLE

Transport hazard class(es): 2.1

Packing group: Not applicable

Environmental hazards: No Mark as dangerous for the environment is needed

Special precautions for user: None known

Maritime transport in bulk according to IMO instruments

Maritime transport in bulk is not intended.

15. Regulatory Information**Safety, health and environmental regulations/legislation specific for the substance or mixture**

Not applicable

16. Other Information

For multi-pack systems observe material safety data sheets of all components. Restricted to professional users.

Full text of classifications, hazard symbols and hazard statements, if mentioned in section 2 or 3:

Skin Corr./Irrit. Skin corrosion/irritation

Eye Dam./Irrit. Serious eye damage/eye irritation

Skin Sens. Skin sensitization

STOT SE Specific target organ toxicity — single exposure

Aquatic Acute Hazardous to the aquatic environment - acute

Aquatic Chronic Hazardous to the aquatic environment - chronic

Flam. Aerosol Flammable aerosols

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Press. Gas	Gases under pressure
Flam. Gas	Flammable gases
Flam. Liq.	Flammable liquids
Eye Irrit.	Eye irritation
Asp. Tox.	Aspiration hazard
Acute Tox.	Acute toxicity
Skin Irrit.	Skin irritation
STOT RE	Specific target organ toxicity — repeated exposure
Repr.	Reproductive toxicity
H280	Contains gas under pressure; may explode if heated.
H220	Extremely flammable gas.
H230	May react explosively even in the absence of air.
H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H226	Flammable liquid and vapour.
H402	Harmful to aquatic life.
H315	Causes skin irritation.
H304	May be fatal if swallowed and enters airways.
H401	Toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H320	Causes eye irritation.
H335	May cause respiratory irritation.
H373	May cause damage to organs (Central nervous system, Liver, Kidney) through prolonged or repeated exposure.
H303 + H333	May be harmful if swallowed or if inhaled.
H412	Harmful to aquatic life with long lasting effects.
H316	Causes mild skin irritation.
H302 + H332	Harmful if swallowed or if inhaled.
H332	Harmful if inhaled.
H311	Toxic in contact with skin.
H331	Toxic if inhaled.
H302	Harmful if swallowed.
H303	May be harmful if swallowed.
H317	May cause an allergic skin reaction.
H361	Suspected of damaging fertility.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

Vertical lines in the left hand margin indicate an amendment from the previous version.