

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

1.1 Product identifier

Trade name: TOOLCRAFT Zink-Alu-Spray

This safety data sheet pertains to the following products:
886529: ZINK-ALU-MIX 400 ML

UFI: UF30-E0CX-F00H-97WA

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

General use: Corrosion protection agent, coating agent.

1.3 Details of the supplier of the safety data sheet

Company name: Conrad Electronic SE

Street/POB-No.: Klaus-Conrad-Str.1

Postal Code, city: DE-92240 Hirschau

WWW: www.conrad.de

E-mail: quality-control@conrad.de

Telephone: +49 (0)9604/40 8988

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Department responsible for information:

Telephone: +49 (0) 9604/40-8988, E-mail: quality-control@conrad.de

1.4 Emergency telephone number

Telephone: +49(0) 89-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

Aerosol 1; H222; H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

Skin Irrit. 2; H315 Causes skin irritation.

Eye Irrit. 2; H319 Causes serious eye irritation.

STOT SE 3; H335, H336 May cause respiratory irritation. May cause drowsiness or dizziness.

STOT RE 2; H373 May cause damage to organs through prolonged or repeated exposure.

Asp. Tox. 1; H304 May be fatal if swallowed and enters airways.

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

2.2 Label elements

Labelling (CLP)



Signal word:

Danger

Hazard statements:

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.

TOOLCRAFT Zink-Alu-Spray

Material number Zink-Alu-Spray

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Precautionary statements:	P102	Keep out of reach of children.
	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.
	P251	Do not pierce or burn, even after use.
	P260	Do not breathe vapours and spray.
	P271	Use only outdoors or in a well-ventilated area.
	P273	Avoid release to the environment.
	P280	Wear protective gloves/protective clothing/eye protection.
	P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P312	Call a POISON CENTER/doctor if you feel unwell.
	P391	Collect spillage.
	P405	Store locked up.
	P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
	P501	Dispose of contents/container to hazardous or special waste collection point.

Special labelling

Text for labelling:

Contains:

Acetone

Reaction mass of ethylbenzene and xylene

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

Hydrocarbons, C9, aromatics

2.3 Other hazards

Potentially explosive mixtures may form if adequate ventilation is not provided.

Inhaling can lead to irritations of the respiratory tract and mucous membrane.

Higher doses may lead to a narcotic effect. Danger of metabolic acidosis.

Endocrine disrupting properties, Results of PBT and vPvB assessment:

No data available

SECTION 3: Composition/information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Chemical characterisation: Blend of active ingredients with propellant.

Hazardous ingredients:

Identifiers	Designation Classification	Content
EC No. 200-662-2 CAS 67-64-1	Acetone Flam. Liq. 2; H225. Eye Irrit. 2; H319. STOT SE 3; H336. (EUH066).	15 - 25 %
REACH 01-2119488216-32-xxxx list no. 905-588-0	Reaction mass of ethylbenzene and xylene Flam. Liq. 3; H226. Acute Tox. 4; H312. Acute Tox. 4; H332. Skin Irrit. 2; H315. Eye Irrit. 2; H319. STOT SE 3; H335. STOT RE 2; H373. Asp. Tox. 1; H304.	10 - 20 %
REACH 01-2119475515-33-xxxx list no. 927-510-4 CAS 64742-49-0	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics Flam. Liq. 2; H225. Skin Irrit. 2; H315. STOT SE 3; H336. Asp. Tox. 1; H304. Aquatic Chronic 2; H411.	5 - 10 %
REACH 01-2119455851-35-xxxx list no. 918-668-5 CAS 64742-95-6	Hydrocarbons, C9, aromatics Flam. Liq. 3; H226. STOT SE 3; H335, H336. Asp. Tox. 1; H304. Aquatic Chronic 2; H411. (EUH066).	5 - 10 %
EC No. 231-175-3 CAS 7440-66-6	Zinc powder-zinc dust (stabilized) Aquatic Acute 1; H400. Aquatic Chronic 1; H410.	1 - 5 %
EC No. 231-072-3 CAS 7429-90-5	Aluminium powder (stabilized) Flam. Sol. 1; H228. Water-react. 2; H261.	1 - 5 %
EC No. 203-777-6 CAS 110-54-3	n-Hexane Flam. Liq. 2; H225. Skin Irrit. 2; H315. Repr. 2; H361f. STOT SE 3; H336. STOT RE 2; H373. Asp. Tox. 1; H304. Aquatic Chronic 2; H411. Specific concentration limits (SCL): STOT RE 2; H373: C ≥ 5 %	0.1 - 1 %
REACH 01-0000020248-72-xxxx EC No. 484-470-6 CAS 623-40-5	2-Pentanone oxime Acute Tox. 4; H302. Eye Irrit. 2; H319. STOT RE 2; H373. Aquatic Chronic 3; H412.	0.1 - 1 %
REACH 01-2119474691-32-xxxx EC No. 203-448-7 CAS 106-97-8	n-Butane, pure Flam. Gas 1A; H220. Press. Gas (Liq.); H280.	20 - 30 %
REACH 01-2119472128-37-xxxx EC No. 204-065-8 CAS 115-10-6	Dimethyl ether Flam. Gas 1; H220. Press. Gas (Liq.); H280.	10 - 15 %
REACH 01-2119485395-27-xxxx EC No. 200-857-2 CAS 75-28-5	Isobutane Flam. Gas 1; H220. Press. Gas (Liq.); H280.	5 - 15 %
REACH 01-2119486944-21-xxxx EC No. 200-827-9 CAS 74-98-6	Propane Flam. Gas 1; H220. Press. Gas (Liq.); H280.	2.5 - 5 %

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

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:	First aider: Pay attention to self-protection! IF exposed or concerned: Get medical advice/attention. If medical advice is needed, have product container or label at hand.
In case of inhalation:	Move victim to fresh air, put at rest and loosen restrictive clothing. Seek medical aid in case of troubles.
Following skin contact:	Wash with generous amount of water and soap. Take off contaminated clothing and wash it before reuse. In case of skin reactions, consult a physician.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Subsequently consult an ophthalmologist.

After swallowing: Do not induce vomiting. Immediately get medical attention. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters airways.

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: Alcohol resistant foam, extinguishing powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

Water

5.2 Special hazards arising from the substance or mixture

Extremely flammable aerosol. Vapours form potentially explosive mixtures with air. Heavier than air, they proceed at floor level and may backflash over great distances when ignited.

May form dangerous gases and vapours in case of fire. Furthermore, there may develop:

Carbon monoxide and carbon dioxide.

5.3 Advice for firefighters

Special protective equipment for firefighters:

Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing. Do not breathe fumes.

Additional information:

Hazchem-Code: -

Heating will lead to pressure increase: Danger of bursting and explosion.

Use fine water spray to cool endangered containers. Move undamaged containers from immediate hazard area if it can be done safely.

In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. Fire residuals and contaminated extinguishing water must be disposed of in accordance with the regulations of the local authorities. Do not allow fire water to penetrate into surface or ground water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Eliminate all ignition sources if safe to do so.

Provide adequate ventilation.

Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse. Avoid breathing vapours/spray. Avoid contact with the substance. Keep unprotected people away. Cordon off downwind area at risk and warn inhabitants.

6.2 Environmental precautions

Do not allow to enter into ground-water, surface water or drains. Danger of explosion! In case of release, notify competent authorities.

6.3 Methods and material for containment and cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13). Thoroughly clean surrounding area. In case of greater quantities: Collect mechanically (use only explosion-proof equipment when pumping out).

Additional information:

Use explosion-proof equipment and non-sparking tools/utensils.

6.4 Reference to other sections

Refer additionally to section 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Avoid breathing vapours/spray. Do not get in eyes, on skin, or on clothing.
Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Guarantee sufficient ventilation during and after use, in order to prevent vapour accumulation. When handling large quantities, supply emergency spray.

Precautions against fire and explosion:

Container under pressure. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source. Use only non-sparking tools. Take precautionary measures against static discharges. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep container tightly closed in a cool, well-ventilated place. Protect from heat and direct sunlight. Keep only in the original container. Do not expose to temperatures exceeding 50 °C/122 °F. Store containers in upright position.

Hints on joint storage:

Do not store together with strong oxidizing agents. Keep away from food, drink and animal feedingstuffs.

7.3 Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
67-64-1	Acetone	Europe: IOELV: TWA Great Britain: WEL-STEL Great Britain: WEL-TWA Ireland: 8 hours	1210 mg/m ³ ; 500 ppm 3620 mg/m ³ ; 1500 ppm 1210 mg/m ³ ; 500 ppm 1210 mg/m ³ ; 500 ppm
64742-49-0	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	Great Britain: WEL-TWA	1200 mg/m ³ (> or = C7, Normal and branched chain alkanes)
64742-95-6	Hydrocarbons, C9, aromatics	Great Britain: WEL-TWA	800 mg/m ³ (> or = C7, Cycloalkanes)
7429-90-5	Aluminium powder (stabilized)	Great Britain: WEL-TWA	500 mg/m ³ (Aromatics)
		Great Britain: WEL-TWA Ireland: 8 hours	10 mg/m ³ (inhalable fraction) 4 mg/m ³ (respirable fraction) 1 mg/m ³ (respirable fraction)
110-54-3	n-Hexane	Europe: IOELV: TWA Great Britain: WEL-TWA Ireland: 8 hours	72 mg/m ³ ; 20 ppm 72 mg/m ³ ; 20 ppm 72 mg/m ³ ; 20 ppm (may be absorbed through the skin)
106-97-8	n-Butane, pure	Great Britain: WEL-STEL Great Britain: WEL-TWA	1810 mg/m ³ ; 750 ppm 1450 mg/m ³ ; 600 ppm
115-10-6	Dimethyl ether	Europe: IOELV: TWA Great Britain: WEL-STEL Great Britain: WEL-TWA Ireland: 8 hours	1920 mg/m ³ ; 1000 ppm 958 mg/m ³ ; 500 ppm 766 mg/m ³ ; 400 ppm 1920 mg/m ³ ; 1000 ppm
75-28-5	Isobutane	Ireland: 15 minutes	1000 ppm

8.2 Exposure controls

Provide good ventilation and/or an exhaust system in the work area.

Personal protection equipment

Occupational exposure controls

Respiratory protection:	Respiratory protection must be worn whenever the WEL levels have been exceeded. Use filter type A2-P2 according to EN 14387. The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.
Hand protection:	Protective gloves according to EN 374. Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
Eye protection:	Tightly sealed goggles according to EN 166.
Body protection:	Flame retardant, antistatic and chemical resistant protective clothing.
General protection and hygiene measures:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take off contaminated clothing and wash it before reuse. Contaminated work clothing should not be allowed out of the workplace. When using do not eat or drink. Do not get in eyes, on skin, or on clothing. Avoid breathing vapours/spray. Wash hands before breaks and after work. When handling large quantities, supply emergency spray.

Environmental exposure controls

Do not allow to enter into ground-water, surface water or drains.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Physical state at 20 °C and 101.3 kPa: liquid Form: Aerosol Colour: silver
Odour:	Not determined
Odour threshold:	Not determined
pH:	The product is nonpolar/aprotic.
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	Not determined
Flash point/flash point range:	Not determined
Evaporation rate:	Not determined
Flammability:	Extremely flammable aerosol.
Explosion limits:	LEL (Lower Explosion Limit): Not determined UEL (Upper Explosive Limit): Not determined
Vapour pressure:	Not determined
Vapour density:	Not determined
Density:	at 20 °C: 0.884 g/mL (liquid)
Water solubility:	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity, dynamic:	Not determined
Viscosity, kinematic:	Not determined
Explosive properties:	Product is not explosive. Potentially explosive vapour/air mixtures may form.
Oxidizing characteristics:	Not determined

9.2 Other information

Solvent content:	88 %
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SECTION 10: Stability and reactivity

10.1 Reactivity

Extremely flammable aerosol.
Vapours can form explosive mixtures with air.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Container under pressure.
Heating will lead to pressure increase: Danger of bursting and explosion.

10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

Thermal decomposition: No hazardous decomposition products when regulations for storage and handling are observed.
Not determined

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicological effects: The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

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

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

Acute toxicity (inhalative): Based on available data, the classification criteria are not met.

Skin corrosion/irritation: Skin Irrit. 2; H315 = Causes skin irritation.

Serious eye damage/irritation: Eye Irrit. 2; H319 = Causes serious eye irritation.

Sensitisation to the respiratory tract: Based on available data, the classification criteria are not met.

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

Contains 2-Butanone oxime. May produce an allergic reaction.

Germ cell mutagenicity/Genotoxicity: 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.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): STOT SE 3; H335, H336 = May cause respiratory irritation. May cause drowsiness or dizziness.

Specific target organ toxicity (repeated exposure): STOT RE 2; H373 = May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard: Asp. Tox. 1; H304 = May be fatal if swallowed and enters airways.

Symptoms

In case of inhalation:
Inhaling can lead to irritations of the respiratory tract and mucous membrane.
Other symptoms: Breathing difficulty, headache, dizziness, nausea, unconsciousness.
Vapours may cause drowsiness and dizziness. Higher doses may have a narcotic effect. Danger of metabolic acidosis.
In case of ingestion: stomachache, nausea, vomiting, diarrhoea.
Irritation of mucuous membranes of digestive system possible.
After contact with skin: Irritating to skin.
Other symptoms: Itching, redness, pain.
After eye contact: Upon direct contact with eyes may cause burning, tearing, redness.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: Toxic to aquatic life with long lasting effects.
Information about Zinc powder-zinc dust (stabilized):
Fish toxicity:
LC50 *Oncorhynchus mykiss*: 0.169 mg/L
NOEC: 0.044 - 0.53 mg/L
Daphnia toxicity:
LC50 *Ceriodaphnia dubia*: 0.147 - 0.228 mg/L
NOEC: 0.014 - 0.4 mg/L
Algae toxicity:
IC50 *Selenastrum capricornutum*: 0.136 mg/L
NOEC *Selenastrum capricornutum*: 0.019 mg/L

12.2 Persistence and degradability

Further details: Information about Acetone:
Abiotic degradation: none (Water, hydrolysis)
Product is readily biodegradable.
Biodegradability: 91 %/28 d (OECD 301 B).
Biochemical oxygen demand (BSB): 1,900 mg O₂/g/5d
Chemical oxygen demand (COD): 2,100 mg O₂/g
Information about Dimethyl ether:
Biodegradability: 5% / 28d (aerobic, OECD 301 D)
Product is not readily biodegradable.
Information about Hydrocarbons, C₇, n-alkanes, isoalkanes, cyclics:
Biodegradability: 98 % (OECD 301 F).
Product is readily biodegradable.

12.3 Bioaccumulative potential

Bioconcentration factor (BCF): Information about Acetone:
Bioconcentration factor (BCF): < 10

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains.
Avoid spills and leaks. Very small amounts contaminates drinking water.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number: 16 05 04* = Gases in pressure containers (including halons) containing hazardous substances.
* = Evidence for disposal must be provided.

Recommendation: Special waste. Do not pierce or burn, even after use.
Dispose of waste according to applicable legislation.
Do not dispose of with household waste.

Package

Recommendation: Empty carefully and completely, if possible.
Dispose of waste according to applicable legislation.
Handle empty containers with care. Incineration may cause explosion.

Additional information

Do not empty into drains.

SECTION 14: Transport information

14.1 UN number

ADR/RID, IMDG, IATA-DGR: UN 1950

14.2 UN proper shipping name

ADR/RID, IMDG: UN 1950, AEROSOLS
IATA-DGR: UN 1950, AEROSOLS, FLAMMABLE

14.3 Transport hazard class(es)

ADR/RID: Class 2, Code: 5F
IMDG: Class 2, Subrisk -, see SP63
IATA-DGR: Class 2.1

14.4 Packing group

ADR/RID, IMDG, IATA-DGR: not applicable

14.5 Environmental hazards

Marine pollutant: yes

14.6 Special precautions for user

Land transport (ADR/RID)

Warning board: RID: Kemmler-number 23, UN number UN 1950
Hazard label: 2.1
Special Provisions: 190 327 344 625
Limited quantities: 1 L
EQ: E0
Package - Instructions: P207 LP200
Package - Special Provisions: PP87 RR6 L2
Special provisions for packing together: MP9
Tunnel restriction code: D



Sea transport (IMDG)

EmS: F-D, S-U
 Special Provisions: 63 190 277 327 344 381 959
 Limited quantities: See SP277
 Excepted quantities: E0
 Package - Instructions: P207, LP200
 Package - Provisions: PP87, L2
 IBC - Instructions: -
 IBC - Provisions: -
 Tank instructions - IMO: -
 Tank instructions - UN: -
 Tank instructions - Provisions: -
 Stowage and handling: SW1 SW22
 Segregation: SG69
 Properties and observations: -
 Segregation group: none

Air transport (IATA)

Hazard label: Flamm. gas
 Excepted Quantity Code: E0
 Passenger and Cargo Aircraft: Ltd.Qty.: Pack.Instr. Y203 - Max. Net Qty/Pkg. 30 kg G
 Passenger and Cargo Aircraft: Pack.Instr. 203 - Max. Net Qty/Pkg. 75 kg
 Cargo Aircraft only: Pack.Instr. 203 - Max. Net Qty/Pkg. 150 kg
 Special Provisions: A145 A167 A802
 Emergency Response Guide-Code (ERG): 10L

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

No data available

SECTION 15: Regulatory information

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

National regulations - Great Britain

Hazchem-Code: -
 No data available

National regulations - EC member states

Volatile organic compounds (VOC):
 88 % by weight = 642 g/L

Labelling of packaging with <= 125mL content



Signal word: **Danger**

Hazard statements:	H222	Extremely flammable aerosol.
	H229	Pressurised container: May burst if heated.
	H335	May cause respiratory irritation.
	H336	May cause drowsiness or dizziness.
	H373	May cause damage to organs through prolonged or repeated exposure.
Precautionary statements:	P102	Keep out of reach of children.
	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.
	P251	Do not pierce or burn, even after use.
	P260	Do not breathe vapours and spray.
	P271	Use only outdoors or in a well-ventilated area.
	P312	Call a POISON CENTER/doctor if you feel unwell.
	P405	Store locked up.
	P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
	P501	Dispose of contents/container to hazardous or special waste collection point.

Further regulations, limitations and legal requirements:

Product: Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]
Physical hazards: Code P3a, Quantity threshold 150 000 kg / 500 000 kg
Environmental hazards: Code E2, Quantity threshold 200 000 kg / 500 000 kg
Use restriction according to REACH annex XVII, no.: 3, 40, 75

Acetone: Regulation (EU) No 2019/1148 (marketing and use of explosives precursors)

Aluminium powder (stabilized): Regulation (EU) No 2019/1148 (marketing and use of explosives precursors)

15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

SECTION 16: Other information

Further information

Wording of the H-phrases under paragraph 2 and 3:

H220 = Extremely flammable gas.
H222 = Extremely flammable aerosol.
H225 = Highly flammable liquid and vapour.
H226 = Flammable liquid and vapour.
H228 = Flammable solid.
H229 = Pressurised container: May burst if heated.
H261 = In contact with water releases flammable gases.
H280 = Contains gas under pressure; may explode if heated.
H302 = Harmful if swallowed.
H304 = May be fatal if swallowed and enters airways.
H312 = Harmful in contact with skin.
H315 = Causes skin irritation.
H319 = Causes serious eye irritation.
H332 = Harmful if inhaled.
H335 = May cause respiratory irritation.
H336 = May cause drowsiness or dizziness.
H361f = Suspected of damaging fertility.
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.
H411 = Toxic to aquatic life with long lasting effects.
H412 = Harmful to aquatic life with long lasting effects.
EUH066 = Repeated exposure may cause skin dryness or cracking.

Abbreviations and acronyms:

- Acute Tox.: Acute toxicity
- 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
- Aerosol: Aerosol
- Aquatic Acute: Hazardous to the aquatic environment - acute
- Aquatic Chronic: Hazardous to the aquatic environment - chronic
- AS/NZS: Australian Standards/New Zealand Standards
- Asp. Tox.: Aspiration toxicity
- BCF: Bioconcentration Factor
- CAS: Chemical Abstracts Service
- CFR: Code of Federal Regulations
- CLP: Classification, Labelling and Packaging
- DMEL: Derived minimal effect level
- DNEL: Derived no-effect level
- EC: European Community
- EN: European Standard
- EQ: Excepted quantities
- EU: European Union
- Eye Irrit.: Eye irritation
- Flam. Gas: Flammable gases
- Flam. Liq.: Flammable liquid
- Flam. Sol.: Flammable solid
- IATA: International Air Transport Association
- IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
- IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
- IC50: Inhibition Concentration 50%
- IMDG Code: International Maritime Dangerous Goods Code
- LC50: Median lethal concentration
- LEL: Lower Explosion Limit
- MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
- NOEC: No Observed Effect Concentration
- OEL: Occupational Exposure Limit Value
- OSHA: Occupational Safety and Health Administration
- PBT: Persistent, bioaccumulative and toxic
- PNEC: Predicted no-effect concentration
- Press. Gas: Gases under pressure
- REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
- Repr.: Reproductive toxicity
- RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail
- Skin Irrit.: Skin irritation
- STOT RE: Specific target organ toxicity - repeated exposure
- STOT SE: Specific target organ toxicity - single exposure
- TLV: Threshold Limit Value
- TRGS: Technical Rules for Hazardous Substances
- UN: United Nations
- vPvB: Very persistent and very bioaccumulative
- Water-react.: Water-reactive
- WEL: Workplace Exposure Limit

Reason of change: Changes in section 1: Product identifier (UFI)
General revision

Date of first version: 25/8/2020

Department issuing data sheet

Contact person: see section 1: Department responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.