SAFETY DATA SHEET

# Bor-Nitride Spray

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

### 1.1. Product identifier

| | |
|---|---|
| *Trade name:* | Bor-Nitride Spray |
| *Product no.:* | MF10002 |

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

| | |
|---|---|
| ▼*Relevant identified uses of the substance or mixture:* | Fluxing agent<br>Restricted to professional and industrial use. |
| *Uses advised against :* | None known. |

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

| | |
|---|---|
| *Company and address:* | **Aktiv Guld A/S**<br>Vallensbækvej 46<br>2625 Vallensbæk<br>Denmark<br>+45 43 66 20 00<br>https://www.aktivguld.com/ |
| *E-mail:* | ag@aktivguld.com |
| *Revision:* | 07/01/2026 |
| *SDS Version:* | 3.0 |
| *Date of previous version:* | 23/10/2025 (2.0) |

### 1.4. Emergency telephone number

Contact the poison hotline: +45 82 12 12 12 (24 hour service)
See section 4 “First aid measures”.

## SECTION 2: HAZARDS IDENTIFICATION

Classified according to Regulation (EC) No. 1272/2008 (CLP).

### 2.1. Classification of the substance or mixture

Aerosol 1; H222, H229, Extremely flammable aerosol. Pressurised container: May burst if heated.
Eye Dam. 1; H318, Causes serious eye damage.
STOT SE 3; H336, May cause drowsiness or dizziness.
Repr. 1B; H360FD, May damage fertility. May damage the unborn child.

## 2.2. Label elements

*Hazard pictogram(s):*

*Signal word:* Danger

*Hazard statement(s):*

Extremely flammable aerosol. Pressurised container: May burst if heated. (H222, H229)
Causes serious eye damage. (H318)
May cause drowsiness or dizziness. (H336)
May damage fertility. May damage the unborn child. (H360FD)

*Precautionary statement(s):*

*General:* Not applicable.

*Prevention:*

Obtain special instructions before use. (P201)
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)
Do not spray on an open flame or other ignition source. (P211)
Do not pierce or burn, even after use. (P251)
Wear face protection/protective gloves/protective clothing. (P280)

*Response:*

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)
IF exposed or concerned: Get medical advice/attention. (P308+P313)

▼*Storage:* Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. (P410+P412)

*Disposal:*

Dispose of contents/container in accordance with local regulation.
(P501)

▼*Hazardous substances:*

acetone;propan-2-one;propanone
butanone ethyl methyl ketone
1,3-dioxolane

▼*Additional labelling:*

EUH066, Repeated exposure may cause skin dryness or cracking.
Industrial use only.

## 2.3. Other hazards

*Additional warnings:*

In the event of leaks, high concentrations of gases can quickly form. They can be toxic, asphyxiating, or explosive.

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.
This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. ▼Mixtures

| Product/substance | Identifiers | % w/w | Classification | Note |
|---|---|---|---|---|
| acetone;propan-2-one;propanone | CAS No.: 67-64-1<br>EC No.: 200-662-2<br>REACH: 01-2119471330-49-XXXX<br>Index No.: 606-001-00-8 | 20-40% | EUH066<br>Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336 | [1] |
| butane (containing ≥ 0,1 % butadiene (203-450-8));isobutane (containing ≥ 0,1 % butadiene (203-450-8)) | CAS No.: 106-97-8<br>EC No.: 203-448-7<br>REACH: 01-2119474691-32-XXXX<br>Index No.: 601-004-01-8 | 20-40% | Flam. Gas 1A, H220<br>Press. Gas (Liq.) , H280 | |
| propane | CAS No.: 74-98-6<br>EC No.: 200-827-9<br>REACH: 01-2119486944-21-XXXX<br>Index No.: 601-003-00-5 | 20-40% | Flam. Gas 1A, H220<br>Press. Gas (Liq.) , H280 | |
| butanone ethyl methyl ketone | CAS No.: 78-93-3<br>EC No.: 201-159-0<br>REACH: 01-2119457290-43-XXXX<br>Index No.: | 10-20% | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336 | [1] |
| ethyl formate | CAS No.: 109-94-4<br>EC No.: 203-721-0<br>REACH: 01-2120115421-74-XXXX<br>Index No.: | 1- <5% | Flam. Liq. 2, H225<br>Acute Tox. 4, H302<br>Eye Irrit. 2, H319<br>Acute Tox. 4, H332<br>STOT SE 3, H335 | |
| 1,3-dioxolane | CAS No.: 646-06-0<br>EC No.: 211-463-5<br>REACH: 01-2119490744-29-XXXX | 1- <5% | Flam. Liq. 2, H225<br>Eye Dam. 1, H318<br>Repr. 1B, H360FD | |

| | | | | |
|---|---|---|---|---|
| | Index No.: | | | |

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

[1] European occupational exposure limit.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

*General information:*
In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

*Inhalation:*
Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

*Skin contact:*
Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

*Eye contact:*
If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

*Ingestion:*
If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.
In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

*Burns:*
Rinse with water until pain stops then continue to rinse for 30 minutes.

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

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.
Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

IF exposed or concerned:
Get immediate medical advice/attention.

### Information to medics

Bring this safety data sheet or the label from this product.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.
Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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

Extremely flammable aerosol. Pressurised container. In a fire or if heated, a pressure increase will occur and the container may burst.
In use may form flammable/explosive vapour-air mixture.
Fire will result in dense smoke. Exposure to combustion products may harm your health.
Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.
If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:
Carbon oxides (CO / CO2)

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the chemical emergency services on 72 85 20 00 (24 h service) in order to obtain further advice.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Accidental releases always pose a serious risk of fire or explosion.
Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.
Avoid direct contact with spilled substances.

Ensure adequate ventilation, especially in confined areas.
Avoid inhalation of vapours from spilled material.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

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

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 “Disposal considerations” on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid static electricity.
Protect electrical equipment in accordance with current standards. To divert static electricity during transmission, containers must be grounded and connected by wire with the receiving containers. Do not use spark-forming tools.
Do not spray on an open flame or other ignition source.
Do not pierce or burn, even after use.
Avoid direct contact with the product.
Avoid contact during pregnancy and while nursing.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Store locked up. A sign warning of toxic materials shall be affixed the room and cupboard containing the product(s).
Must be stored in a cool and well-ventilated area, away from possible sources of ignition.
Pressurized gas packs (spray cans, aerosol cans) must be stored behind a wire mesh, which allows gases to escape and holds back packs flying around.

| | |
|---|---|
| *Recommended storage material:* | Always store in containers of the same material as the original container. |
| *Storage conditions:* | Do not expose to heating (eg sunlight). Must be stored dry. Storage temperature: 5-30 °C°C. |
| *Incompatible materials:* | Strong acids, strong bases, strong oxidizing agents, and strong reducing agents. |

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. ▼Control parameters

acetone;propan-2-one;propanone
Long term exposure limit (8 hours) (mg/m³): 600
Long term exposure limit (8 hours) (ppm): 250
Short term exposure limit (15 minutes) (mg/m³): 1200
Short term exposure limit (15 minutes) (ppm): 500
Annotations:
E = Substance has an EC limit.

butane (containing ≥ 0,1 % butadiene (203-450-8));isobutane (containing ≥ 0,1 % butadiene (203-450-8))
Long term exposure limit (8 hours) (mg/m³): 1200
Long term exposure limit (8 hours) (ppm): 500
Short term exposure limit (15 minutes) (mg/m³): 2400
Short term exposure limit (15 minutes) (ppm): 1000

propane
Long term exposure limit (8 hours) (mg/m³): 1800
Long term exposure limit (8 hours) (ppm): 1000
Short term exposure limit (15 minutes) (mg/m³): 3600
Short term exposure limit (15 minutes) (ppm): 2000

butanone ethyl methyl ketone
Long term exposure limit (8 hours) (mg/m³): 145
Long term exposure limit (8 hours) (ppm): 50
Short term exposure limit (15 minutes) (mg/m³): 900
Short term exposure limit (15 minutes) (ppm): 300
Annotations:
E = Substance has an EC limit.
H = The substance can be absorbed through the skin.

ethyl formate
Long term exposure limit (8 hours) (mg/m³): 300
Long term exposure limit (8 hours) (ppm): 100
Short term exposure limit (15 minutes) (mg/m³): 600
Short term exposure limit (15 minutes) (ppm): 200

Statutory order 1356 on exposure limits for substances and mixtures (19/11/2025)

**▼DNEL**

1,3-dioxolane

| Duration: | Route of exposure: | DNEL: |
|---|---|---|
| Long term – Systemic effects - General population | Dermal | 1.31 mg/kg bw/day |
| Long term – Systemic effects - Workers | Dermal | 1.18 mg/kg bw/day |
| Long term – Systemic effects - General population | Inhalation | 4.52 mg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 3.306 mg/m³ |
| Long term – Systemic effects - General population | Oral | 1.31 mg/kg bw/day |

acetone;propan-2-one;propanone

| Duration: | Route of exposure: | DNEL: |
|---|---|---|
| Long term – Systemic effects - General population | Dermal | 62 mg/kg bw/day |
| Long term – Systemic effects - Workers | Dermal | 186 mg/kg bw/day |
| Long term – Systemic effects - General population | Inhalation | 200 mg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 1210 mg/m³ |
| Short term – Local effects - Workers | Inhalation | 2420 mg/m³ |
| Long term – Systemic effects - General population | Oral | 62 mg/kg bw/day |

butanone ethyl methyl ketone

| Duration: | Route of exposure: | DNEL: |
|---|---|---|
| Long term – Systemic effects - General population | Dermal | 412 mg/kg bw/day |
| Long term – Systemic effects - Workers | Dermal | 1161 mg/kg bw/day |
| Long term – Systemic effects - General population | Inhalation | 106 mg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 600 mg/m³ |
| Short term – Systemic effects - General population | Inhalation | 450 mg/m³ |
| Short term – Systemic effects - Workers | Inhalation | 900 mg/m³ |
| Long term – Systemic effects - General population | Oral | 31 mg/kg bw/day |

ethyl formate

| Duration: | Route of exposure: | DNEL: |
|---|---|---|
| Long term – Systemic effects - General population | Dermal | 7.89 mg/kg bw/day |
| Long term – Systemic effects - Workers | Dermal | 15.8 mg/kg bw/day |
| Long term – Systemic effects - General population | Inhalation | 2.76 mg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 11 mg/m³ |
| Long term – Systemic effects - General population | Oral | 789 µg/kg bw/day |

**▼PNEC**

1,3-dioxolane

| Route of exposure: | Duration of Exposure: | PNEC: |
|---|---|---|
| Freshwater | | 19.7 mg/L |
| Freshwater sediment | | 77.7 mg/kg |

| | | |
|---|---|---|
| Intermittent release (freshwater) | | 950 µg/L |
| Marine water | | 1.97 mg/L |
| Marine water sediment | | 7.77 mg/kg |
| Sewage treatment plant | | 1 mg/L |
| Soil | | 2.62 mg/kg |

acetone;propan-2-one;propanone

| **Route of exposure:** | **Duration of Exposure:** | **PNEC:** |
|---|---|---|
| Freshwater | | 10.6 mg/L |
| Freshwater sediment | | 30.4 mg/kg |
| Intermittent release (freshwater) | | 21 mg/L |
| Marine water | | 1.06 mg/L |
| Marine water sediment | | 3.04 mg/kg |
| Sewage treatment plant | | 100 mg/L |
| Soil | | 29.5 mg/kg |

butanone ethyl methyl ketone

| **Route of exposure:** | **Duration of Exposure:** | **PNEC:** |
|---|---|---|
| Freshwater | | 55.8 mg/L |
| Freshwater sediment | | 284.74 mg/kg |
| Intermittent release (freshwater) | | 55.8 mg/L |
| Marine water | | 55.8 mg/L |
| Marine water sediment | | 284.7 mg/kg |
| Predators | | 1 g/kg |
| Sewage treatment plant | | 709 mg/L |
| Soil | | 22.5 mg/kg |

ethyl formate

| **Route of exposure:** | **Duration of Exposure:** | **PNEC:** |
|---|---|---|
| Freshwater | | 100 µg/L |
| Freshwater sediment | | 1.28 mg/kg |
| Intermittent release (freshwater) | | 1 mg/L |
| Intermittent release (marine water) | | 100 µg/L |
| Marine water | | 10 µg/L |
| Marine water sediment | | 128 µg/kg |
| Sewage treatment plant | | 55.1 mg/L |
| Soil | | 197 µg/kg |

## 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

*General recommendations:* Smoking, drinking and consumption of food is not allowed in the work area.

*Exposure scenarios:* There are no exposure scenarios implemented for this product.

*Exposure limits:* Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

*Appropriate technical measures:* Do not recirculate outlet air that contain the substances.
Ensure that eyewash stations and safety showers are located within easy reach.

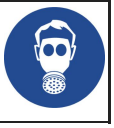
*Hygiene measures:* In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

*Measures to avoid environmental exposure:* Keep damming materials near the workplace. If possible, collect spillage during work.

**Individual protection measures, such as personal protective equipment**

*Generally:* Use only CE marked protective equipment.

*Respiratory Equipment:*

| Type | Class | Colour | Standards | |
|---|---|---|---|---|
| Combination filter A2B2E2K2-P2 | Class 2 | Brown/Gray/Yellow/ Green/White | EN14387 |  |

*Skin protection:*

| Recommended | Type/Category | Standards | |
|---|---|---|---|
| Dedicated work clothing should be worn. | - | - |  |

*Hand protection:*

| Material | Glove thickness (mm) | Breakthrough time (min.) | Standards | |
|---|---|---|---|---|
| Nitrile | 0,5 | > 480 | EN374-2, EN16523-13, EN388 |  |

*Eye protection:*

| Type | Standards | |
|---|---|---|
| Face shield alternatively safety glasses with side shields. | EN166 |  |

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

| | |
|---|---|
| *Physical state:* | Aerosol |
| *Colour:* | White |
| *Odour / Odour threshold:* | Characteristic |
| *pH:* | No data available. |
| *Density (g/cm$^3$):* | 0.8 (20 °C) |
| *Kinematic viscosity:* | 20.5 (40 °C) |
| *Particle characteristics:* | No data available. |

### Phase changes

| | |
|---|---|
| *Melting point/Freezing point (°C):* | No data available. |
| *Softening point/range (°C):* | Does not apply to aerosols. |
| *Boiling point (°C):* | No data available. |
| *Vapour pressure:* | 961 millibar (55 °C) |
| *Relative vapour density:* | No data available. |
| *Decomposition temperature (°C):* | No data available. |

### Data on fire and explosion hazards

| | |
|---|---|
| *Flash point (°C):* | -104 |
| *Flammability (°C):* | The material is ignitable. |
| *Auto-ignition temperature (°C):* | 200 |
| *Lower and upper explosion limit (% v/v):* | 1.5 - 8.5 |

### Solubility

| | |
|---|---|
| *Solubility in water:* | Soluble |
| *n-octanol/water coefficient (LogKow):* | No data available. |
| *Solubility in fat (g/L):* | No data available. |

### 9.2. Other information

| | |
|---|---|
| *Other physical and chemical parameters:* | No data available. |
| *Oxidizing properties:* | No data available. |

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity
No data available.

### 10.2. Chemical stability
The product is stable under the conditions, noted in section 7 “Handling and storage”.

### 10.3. Possibility of hazardous reactions
None known.

### 10.4. Conditions to avoid
Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure. Mechanical influences (e.g. Shock, pressure, impact, friction). Fire, sparks or other ignition sources.

### 10.5. Incompatible materials
Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 10.6. Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: TOXICOLOGICAL INFORMATION

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

**Acute toxicity**
Based on available data for the mixture, the classification criteria are not met.

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

**Serious eye damage/irritation**
Causes serious eye damage.

**Respiratory sensitisation**
Based on available data for the mixture, the classification criteria are not met.

**Skin sensitisation**
Based on available data for the mixture, the classification criteria are not met.

**Germ cell mutagenicity**
Based on available data for the mixture, the classification criteria are not met.

**Carcinogenicity**
Based on available data for the mixture, the classification criteria are not met.

**Reproductive toxicity**
May damage fertility. May damage the unborn child.

**STOT-single exposure**
May cause drowsiness or dizziness.

**STOT-repeated exposure**

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

**Aspiration hazard**

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

**▼Symptoms related to the physical, chemical and toxicological characteristics**

Reproductive toxicity: This product contains teratogenic substances, which may produce anomalies and/or developmental defects to the human offspring. Adverse effects include: death, growth retardation, congenital disorders, delayed mental development, and functional disorders. This product contains reprotoxic substances, which may harm the reproductive capacity. Adverse effects include: sterility, effects on the sexual function, lowered effective fertility and dysfunctional menstrual cycle.
The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.
Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and may result in an increased absorption potential of other hazardous substances at the area of exposure.

### 11.2. Information on other hazards

**Endocrine disrupting properties**

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

**Other information**

None known.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

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

### 12.2. Persistence and degradability

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

### 12.3. Bioaccumulative potential

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

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

### 12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

### 12.7. Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste. (*)
HP 3 - Flammable
HP 4 - Irritant (skin irritation and eye damage)
HP 10 – Toxic for reproduction
Dispose of contents/container to an approved waste disposal plant.
Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

| | |
|---|---|
| *EWC code:* | 08 01 11*<br>Waste paint and varnish containing organic solvents or other dangerous substances |
| *Waste group:* | Gr. Z<br>Waste that cannot be placed in any other waste group |

### Specific labelling

Not applicable.

### Contaminated packing

| | |
|---|---|
| *EWC code:* | 08 01 11*<br>Waste paint and varnish containing organic solvents or other dangerous substances |
| *Waste group:* | Gr. Z<br>Waste that cannot be placed in any other waste group |

## SECTION 14: TRANSPORT INFORMATION

| | 14.1<br>UN / ID | 14.2<br>UN proper shipping name | 14.3<br>Hazard class(es) | 14.4<br>PG* | 14.5<br>Env** | Other information: |
|---|---|---|---|---|---|---|
| ADR/ADN/RID | UN1950 | AEROSOLS | Transport hazard class: 2<br>Label: 2.1<br>Classification code: 5F<br>  | - | No | Limited quantities: 1 L<br>Tunnel restriction code: (D)<br>See below for additiona |

| | 14.1<br>UN / ID | 14.2<br>UN proper shipping name | 14.3<br>Hazard class(es) | 14.4<br>PG* | 14.5<br>Env** | Other information: |
|---|---|---|---|---|---|---|
| | | | | | | l information. |
| IMDG | UN1950 | AEROSOLS | Transport hazard class: 2<br>Label: 2.1<br>Classification code: 5F<br>  | - | No | Limited quantities: 1 L<br>EmS: F-D S-U<br>See below for additional information. |
| IATA | UN1950 | AEROSOLS | Transport hazard class: 2<br>Label: 2.1<br>Classification code: 5F<br>  | - | No | See below for additional information. |

* Packing group

** Environmental hazards

**▼Additional information**

This product is within scope of the regulations of transport of dangerous goods.
ADR/ADN/RID / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.
IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.
IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

### 14.6. Special precautions for user

Not applicable.

### 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

| | |
|---|---|
| ▼*Restrictions for application:* | Industrial use only.<br>People under the age of 18 shall not be exposed to this product.<br>Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered. |
| *Demands for specific education:* | No specific requirements. |
| *SEVESO - Categories / dangerous substances:* | P3a - FLAMMABLE AEROSOLS, Qualifying quantity (lower-tier): 150 tonnes (net) / (upper-tier): 500 tonnes (net) |
| ▼*Regulation on drug precursors:* | acetone;propan-2-one;propanone is included (Category 3)<br>butanone ethyl methyl ketone is included (Category 3) |
| *Regulation on explosives precursors:* | acetone;propan-2-one;propanone (Annex II) |
| *REACH, Annex XVII:* | acetone;propan-2-one;propanone is subject to REACH restrictions (entry 40).<br>butane (containing ≥ 0,1 % butadiene (203-450-8));isobutane (containing ≥ 0,1 % butadiene (203-450-8)) is subject to REACH restrictions (entry 40).<br>propane is subject to REACH restrictions (entry 40).<br>butanone ethyl methyl ketone is subject to REACH restrictions (entry 40).<br>ethyl formate is subject to REACH restrictions (entry 40).<br>1,3-dioxolane is subject to REACH restrictions (entry 40). |
| *Additional information:* | Not applicable. |
| ▼*Sources:* | The Danish Working Environment Authority's executive order no. 1713 of 18. Dec 2025 on young people's work. Based on Council Directive 94/33 / EC of 22 June 1994 on the protection of young people at work.<br>Pregnant workers and workers who are breastfeeding (AT Guide A.1.8-6, amended 2024).<br>Executive Order no. 247 of 14 March 2014 on interior design, etc. of aerosols, as amended by EO No. 301 of 27 March 2014, EO no. 478 of 25 May 2016 and EO 1336 of 29 November 2017.<br>Executive Order no. 372 of 25 April 2016 on control of the risk of major accidents with dangerous substances.<br>Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste. |

Council Regulation (EC) No 273/2004 on drug precursors.
Council Regulation (EC) No 2019/1148 on explosives precursors.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

### 15.2. Chemical safety assessment

No

## SECTION 16: OTHER INFORMATION

### Full text of H-phrases as mentioned in section 3

EUH066, Repeated exposure may cause skin dryness or cracking.
H220, Extremely flammable gas.
H225, Highly flammable liquid and vapour.
H280, Contains gas under pressure; may explode if heated.
H302, Harmful if swallowed.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H332, Harmful if inhaled.
H335, May cause respiratory irritation.
H336, May cause drowsiness or dizziness.
H360FD, May damage fertility. May damage the unborn child.

### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne (European conformity)
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EuPCS = European Product Categorisation System
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
GWP = Global warming potential
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

## Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).
The classification of the mixture in regard to physical hazards has been based on experimental data.

## The safety data sheet is validated by

Aktiv Guld A/S

## Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
It is recommended to hand over this safety data sheet to the actual user of the product.
Information in this safety data sheet cannot be used as a product specification.
Country-language: DK-en