

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

EVO-STIK SYSTEM FOAM KIT - PART B

Supercedes date 17-Dec-2024

Revision date 24-Jun-2021 **Revision Number** 1

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

1.1. Product identifier

Product Name EVO-STIK SYSTEM FOAM KIT - PART B

Other means of identification

Pure substance/mixture Mixture

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

Recommended use Cleaning agent

Uses advised against None known

1.3. Details of the supplier of the safety data sheet

Company Name

Bostik Benelux B.V. Denariusstraat 11 4903 RC Oosterhout The Netherlands Tel: + 31 162 491 000

E-mail address SDS.box-EU@bostik.com

1.4. Emergency telephone number

Ireland **NPIC - National Poison Information Centre**

Members of the Public: +353 (01) 8092166 (8.00 am to 10.00 pm - 7 days a week)

Healthcare Professionals: +353 (01) 8092566 (24 hour service)

Bostik: +44 (1785) 272650 (9am to 5pm Mon-Fri) **United Kingdom**

Europe

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

| Aerosols | Category 1 - (H222, H229) |
|--|---------------------------|
| Eye irritation | Category 2 - (H319) |
| Specific target organ toxicity (single exposure) | Category 3 - (H336) |
| Category 3 Target organ effects: Narcotic effects. | |

2.2. Label elements

Contains Acetone

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Signal word Danger

Hazard statements

H222 - Extremely flammable aerosol.

H229 - Pressurised container: May burst if heated.

H319 - Causes serious eye irritation.

H336 - May cause drowsiness or dizziness.

EU Specific Hazard Statements

EUH066 - Repeated exposure may cause skin dryness or cracking

Precautionary Statements - EU (§28, 1272/2008)

P101 - If medical advice is needed, have product container or label at hand

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

P271 - Use only outdoors or in a well-ventilated area

P405 - Store locked up

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

P501 - Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable

2.3. Other hazards

In case of insufficient ventilation and/or through use, the formation of a explosive/highly flammable mixture is possible.

PBT & vPvB

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

Endocrine Disruptor Information This product does not contain any known or suspected endocrine disruptors.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

| Chemical name | Weight- | REACH | EC No (EU | Classification | Specific | M-Factor | M-Factor | Notes |
|----------------|----------|---------------|----------------|---------------------|---------------|----------|-----------|-------|
| | % | registration | Index No) | according to | concentration | | (long-ter | |
| | | number | | Regulation (EC) No. | limit (SCL) | | m) | |
| | | | | 1272/2008 [CLP] | | | | |
| Acetone | 80 - 100 | 01-2119471330 | 200-662-2 | Eye Irrit. 2 (H319) | - | - | - | - |
| 67-64-1 | | -49-XXXX | (606-001-00-8) | STOT SE 3 (H336) | | | | |
| | | | | Flam. Liq. 2 (H225) | | | | |
| | | | | (EUH066) | | | | |
| Carbon dioxide | 1 - <5 | [4] | 204-696-9 | Press. Gas (H281) | - | - | - | - |

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| 124-38-9 | | | | | | | | |
|-----------|----------|---------------|----------------|--------------------|---|---|---|-----|
| Butane | 1 - <3 | 01-2119474691 | 203-448-7 | Flam. Gas 1 (H220) | - | - | - | C,U |
| 106-97-8 | | -32-XXXX | (601-004-00-0) | Press. Gas (H280) | | | | |
| Isobutane | 1 - <2.5 | 01-2119485395 | 200-857-2 | Flam. Gas 1 (H220) | - | - | - | C,U |
| 75-28-5 | | -27-XXXX | (601-004-00-0) | Press. Gas (H280) | | | | |

NOTE [4] - This substance is exempted from registration according to the provisions of Article 2(7)(a) and Annex IV of REACH Note C - Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers. Note U - When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case. The following codes are assigned: Press. Gas (Comp.), Press. Gas (Liq.), Press. Gas (Ref. Liq.), Press. Gas (Diss.). Aerosols shall not be classified as gases under pressure (See Annex I, Part 2, Section 2.3.2.1, Note 2).

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

Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

| Chemical name | EC No (EU | CAS No. | Oral LD50 | Dermal LD50 | | Inhalation | Inhalation |
|----------------|----------------|----------|-----------|-------------|-----------------|-----------------|-----------------|
| | Index No) | | mg/kg | mg/kg | LC50 - 4 hour - | LC50 - 4 hour - | LC50 - 4 hour - |
| | | | | | dust/mist - | vapour - mg/L | gas - ppm |
| | | | | | mg/L | | |
| Acetone | 200-662-2 | 67-64-1 | 5800 | - | - | - | - |
| | (606-001-00-8) | | | | | | |
| Carbon dioxide | 204-696-9 | 124-38-9 | - | - | - | - | - |
| Butane | 203-448-7 | 106-97-8 | - | - | - | - | - |
| | (601-004-00-0) | | | | | | |
| Isobutane | 200-857-2 | 75-28-5 | - | - | - | - | - |
| | (601-004-00-0) | | | | | | |

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance.

Inhalation Remove to fresh air. IF exposed or concerned: Get medical advice/attention.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and

persists.

Skin contactWash skin with soap and water. In the case of skin irritation or allergic reactions see a

doctor.

Ingestion Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious

person. Call a doctor.

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Remove all sources of ignition. Ensure that medical personnel are aware of the Self-protection of the first aider

material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8). Avoid contact with skin.

eyes or clothing.

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

Symptoms May cause redness and tearing of the eyes. Burning sensation. Inhalation of high vapour

concentrations may cause symptoms like headache, dizziness, tiredness, nausea and

vomiting.

No information available. **Effects of Exposure**

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

No information available. Note to doctors

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media Dry chemical. Carbon dioxide (CO2). Water spray.

DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED. Unsuitable extinguishing media

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the

chemical

Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Cylinders may rupture under extreme heat. Damaged cylinders should be handled only by specialists. Containers may explode when heated.

Hazardous combustion products Carbon oxides

5.3. Advice for firefighters

precautions for fire-fighters

Special protective equipment and Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Evacuate personnel to safe areas. Use personal protective equipment as required. See

section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Take

precautionary measures against static discharges. Avoid breathing

dust/fume/gas/mist/vapours/spray.

Ventilate the area. Refer to protective measures listed in Sections 7 and 8. Other information

Use personal protection recommended in Section 8. For emergency responders

6.2. Environmental precautions

Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or **Environmental precautions**

spillage if safe to do so. Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up

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Methods for containment Keep out of drains, sewers, ditches and waterways. Stop leak if you can do it without

risk. A vapour suppressing foam may be used to reduce vapours. Dyke far ahead of spill to collect run-off water. Flood with water to complete polymerization and scrape off floor.

Methods for cleaning up Take precautionary measures against static discharges. Dam up. Soak up with inert

absorbent material. Pick up and transfer to properly labelled containers.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Use personal protection equipment. Keep away from heat, hot surfaces, sparks, open

flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Use spark-proof tools and explosion-proof equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Keep in an area equipped with sprinklers. Do not puncture or incinerate cans. Contents under pressure. In case of rupture. Avoid breathing vapours or mists. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. In case of insufficient

ventilation, wear suitable respiratory equipment.

General hygiene considerations Do not eat, drink or smoke when using this product. Contaminated work clothing should

not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face

protection.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Protect from sunlight. Keep away from heat, sparks, flame and other sources of ignition

(i.e., pilot lights, electric motors and static electricity). Keep in properly labelled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store in a cool, dry area away from potential sources

of heat, open flames, sunlight or other chemicals. Keep/store only in original container.

Store in a dry place. Store in a closed container.

7.3. Specific end use(s)

Specific use(s)

Cleaning agent.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

Other information Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

| Chemical name | European Union | Ireland | United Kingdom |
|---------------|----------------|--------------|----------------|
| Acetone | TWA: 500 ppm | TWA: 500 ppm | TWA: 500 ppm |

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| 67-64-1 | TWA: 1210 mg/m ³ | TWA: 1210 mg/m³ STEL: 1500 ppm STEL: 3630 mg/m³ | TWA: 1210 mg/m³ STEL: 1500 ppm STEL: 3620 mg/m³ |
|----------------------------|--|--|--|
| Carbon dioxide 124-38-9 | TWA: 5000 ppm TWA: 9000 mg/m ³ | TWA: 5000 ppm TWA: 9000 mg/m³ STEL: 15000 ppm STEL: 27000 mg/m³ | TWA: 5000 ppm TWA: 9150 mg/m³ STEL: 15000 ppm STEL: 27400 mg/m³ |
| Propane 74-98-6 | - | STEL: 3000 ppm Simple asphyxiant | |
| Butane 106-97-8 | - | TWA: 1000 ppm STEL: 3000 ppm | TWA: 600 ppm TWA: 1450 mg/m³ STEL: 750 ppm STEL: 1810 mg/m³ |
| Isobutane 75-28-5 | - | TWA: 1000 ppm (8hr) STEL: 1000 ppm | |

Derived No Effect Level (DNEL) No information available

| Derived No Effect Level (DN | EL) | | |
|--|----------------|--------------------------------|---------------|
| Acetone (67-64-1) | • | | |
| Туре | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| Long term Systemic health effects worker | Dermal | 186 mg/kg bw/d | |
| Short term Local health effects worker | Inhalation | 2420 mg/m³ | |
| Long term Systemic health effects worker | Inhalation | 1210 mg/m³ | |

| Derived No Effect Level (DN | EL) | | |
|--|----------------|--------------------------------|---------------|
| Acetone (67-64-1) | • | | |
| Туре | Exposure route | Derived No Effect Level (DNEL) | Safety factor |
| Consumer Long term Systemic health effects | Inhalation | 200 mg/m³ | |
| Consumer Long term Systemic health effects | Dermal | 62 mg/kg bw/d | |
| Consumer Long term Systemic health effects | Oral | 62 mg/kg bw/d | |

Predicted No Effect Concentration (PNEC)

| Predicted No Effect Concentration (PNEC) | | | | | |
|--|--|--|--|--|--|
| Acetone (67-64-1) | | | | | |
| Environmental compartment | Predicted No Effect Concentration (PNEC) | | | | |
| Freshwater | 10.6 mg/l | | | | |
| Freshwater - intermittent | 21 mg/l | | | | |
| Marine water | 1.06 mg/l | | | | |
| Microorganisms in sewage treatment | 100 mg/l | | | | |
| Freshwater sediment | 30.4 mg/kg dry weight | | | | |
| Marine water | 3.04 mg/kg dry weight | | | | |
| Soil | 29.5 mg/kg dry weight | | | | |

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8.2. Exposure controls

Ensure adequate ventilation, especially in confined areas. Vapours/aerosols must be **Engineering controls**

exhausted directly at the point of origin.

Personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles). Eye protection must conform to

standard EN 166

Wear suitable gloves. Glove thickness > 0.7mm. Butyl rubber. Nitrile rubber. The Hand protection

breakthrough time for the mentioned glove material is in general greater than 480 min. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Gloves must conform

to standard EN 374

Skin and body protection Wear appropriate personal protective clothing to prevent skin contact.

Ensure adequate respiratory protection during spray applications. In case of insufficient Respiratory protection

ventilation, wear suitable respiratory equipment.

Organic gases and vapours filter conforming to EN 14387. Wear a respirator conforming Recommended filter type:

to EN 140 with Type A filter or better.

Environmental exposure controls Do not allow into any sewer, on the ground or into any body of water.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Liquid **Appearance** Aerosol Colour Colourless Odour Solvent.

Property Values Remarks • Method

Melting point / freezing point Not applicable . °C

Initial boiling point and boiling Not applicable, Aerosol . Not applicable, Aerosol

range

Flammability No data available None known Flammability Limit in Air None known

Upper flammability or explosive 13.0 Vol%

limits

Lower flammability or explosive 1.7 Vol%

limits

Flash point Not applicable, Aerosol Not applicable, Aerosol .

Autoignition temperature °C

Decomposition temperature

None known Not applicable. Insoluble in water. No data available pН

pH (as aqueous solution) No data available None known Kinematic viscosity No data available None known

Dynamic viscosity No data available Water solubility Immiscible in water.

Solubility(ies) No data available None known None known Partition coefficient No data available Vapour pressure 6 bar @ 23 °C None known

Relative density No data available No data available **Bulk density Liquid Density** 0.78 g/cm³

Relative vapour density No data available None known

Particle characteristics

Particle Size No information available **Particle Size Distribution** No information available

9.2. Other information

Solid content (%)

European directive n°2010/75/UE **VOC** content 750.1 g/L

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9.2.1. Information with regards to physical hazard classes Not applicable

9.2.2. Other safety characteristics
No information available Not applicable .

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No information available.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical

None.

impact

Sensitivity to static discharge Ye

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Heating causes rise in pressure with risk of bursting.

10.4. Conditions to avoid

Conditions to avoid Heat, flames and sparks. Keep away from open flames, hot surfaces and sources of

ignition. Extremes of temperature and direct sunlight.

10.5. Incompatible materials

Incompatible materials Incompatible with oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition

products

Carbon monoxide. Carbon dioxide (CO2).

SECTION 11: Toxicological information

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

Information on likely routes of exposure

Product Information

Inhalation Intentional misuse by deliberately concentrating and inhaling contents may be harmful or

fatal. Specific test data for the substance or mixture is not available. May cause irritation

of respiratory tract. May cause drowsiness or dizziness.

Eye contact Specific test data for the substance or mixture is not available. Causes serious eye

irritation. (based on components). May cause redness, itching, and pain.

Skin contact Specific test data for the substance or mixture is not available. May cause irritation.

Prolonged contact may cause redness and irritation.

Ingestion Specific test data for the substance or mixture is not available. Ingestion may cause

gastrointestinal irritation, nausea, vomiting and diarrhoea.

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Symptoms related to the physical, chemical and toxicological characteristics

Symptoms

May cause redness and tearing of the eyes. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

Acute toxicity

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---------------|--|-----------------------|------------------------|
| Acetone | =5800 mg/kg (Rattus) 3000 mg/Kg (mouse) | >15800 mg/Kg (Rattus) | =79 mg/l(Rattus) 4 h |
| Butane | - | 1 | =658 g/m³ (Rattus) 4 h |
| Isobutane | - | - | =658 mg/L (Rattus) 4 h |

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation

May cause skin irritation.

Serious eye damage/eye irritation Classification based on data available for ingredients. Causes serious eye irritation.

| Acetone (67-64-1) | | | | | |
|----------------------|---------|----------------|----------------|---------------|----------|
| Method | Species | Exposure route | Effective dose | Exposure time | Results |
| OECD Test No. 405: | Rabbit | eye | | | irritant |
| Acute Eye | | | | | |
| Irritation/Corrosion | | | | | |

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

| Acetone (67-64-1) | | | |
|-------------------------------------|------------|----------------|-----------------------|
| Method | Species | Exposure route | Results |
| GPMT - Guinea pig maximisation test | Guinea pig | Dermal | Not a skin sensitiser |

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

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

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

STOT - single exposure May cause drowsiness or dizziness.

| Acetone (67-64-1) | | | | | |
|-------------------|---------|----------------|----------------|---------------|---------|
| Method | Species | Exposure route | Effective dose | Exposure time | Results |

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| Experiences made in | | | Narcotic effects |
|---------------------|--|--|------------------|
| practice | | | |

STOT - repeated exposure

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

| Acetone (67-64-1) | | | | | |
|---|---------|----------------|------------------------|-----------------|---|
| Method | Species | Exposure route | Effective dose | Exposure time | Results |
| OECD Test No. 408: Repeated Dose 90-Day Oral Toxicity Study in Rodents | Rat | Oral | 200-3400 mg/kg bw/d | 91 days | No Observed Adverse Effect Level LOAEL 1700 mg/kg bw/d |
| Not specified | Rat | Inhalation | 19000 ppm | 14, 28, 56 days | NOAEC 19000 ppm No Observed Adverse Effect Level |

Aspiration hazard

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

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties No information available.

11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity

| | Chemical name | Algae/aquatic | Fish | Toxicity to | Crustacea | M-Factor | M-Factor |
|---|---------------|---------------|----------------|----------------|---------------|----------|-------------|
| | | plants | | microorganisms | | | (long-term) |
| Γ | Acetone | - | LC50 96 h 4.74 | EC50 = 14500 | EC50 48 h | | |
| | 67-64-1 | | - 6.33 mL/L | mg/L 15 min | 10294 - 17704 | | |
| | | | (Oncorhynchus | | mg/L (Daphnia | | |
| L | | | mykiss) | | magna Static) | | |

12.2. Persistence and degradability

Persistence and degradability No information available.

| Acetone (67-64-1) | | | | |
|--------------------------------------|---------------|----------------|----------------------------|--|
| Method | Exposure time | Value | Results | |
| OECD Test No. 301B: Ready | 28 days | biodegradation | 91 % Readily biodegradable | |
| Biodegradability: CO2 Evolution Test | - | - | | |
| (TG 301 B) | | | | |

12.3. Bioaccumulative potential

Bioaccumulation

Component Information

| Chemical name | Partition coefficient |
|---------------|-----------------------|
| Acetone | -0.24 |
| Butane | 2.31 |

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| Isobutane 2.8 |
|---------------|
|---------------|

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

The product does not contain any substance(s) classified as PBT or vPvB above the PBT and vPvB assessment

threshold of declaration.

| Chemical name | PBT and vPvB assessment |
|---------------|---------------------------------|
| Acetone | The substance is not PBT / vPvB |
| Butane | The substance is not PBT / vPvB |
| Isobutane | The substance is not PBT / vPvB |

12.6. Endocrine disrupting properties

No information available. **Endocrine disrupting properties**

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused

products

Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging

Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or

weld containers.

according to EWC

Waste codes / waste designations 16 05 05 gases in pressure containers other than those mentioned in 16 05 04. Waste codes should be assigned by the user based on the application for which the product

European Waste Catalogue

16 05 04* gases in pressure containers (including halons) containing dangerous

substances

15 01 04 metallic packaging

Other information

Waste codes should be assigned by the user based on the application for which the

product was used.

SECTION 14: Transport information

Note: The shipping descriptions shown here are for bulk shipments only, and may not apply to

shipments made in non-bulk packages (see regulatory definition). The information shown here, may not always agree with the bill of lading shipping description for the material.

Land transport (ADR/RID)

14.1 UN number or ID number UN1950 14.2 UN proper shipping name Aerosols 14.3 Transport hazard class(es) 2.1 Labels

14.4 Packing group Not regulated

UN1950, Aerosols, 2, (D) Description

14.5 Environmental hazards Not applicable

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14.6 Special precautions for user

Special Provisions 190, 327, 344, 625

Classification code 5F Tunnel restriction code (D) Limited quantity (LQ) 1 L

<u>IMDG</u>

14.1 UN number or ID number
14.2 UN proper shipping name
14.3 Transport hazard class(es)
UN1950
Aerosols
2.1

14.4 Packing group Not regulated

Description UN1950, Aerosols, 2.1, (0°C c.c.)

14.5 Marine pollutant NF

14.6 Special precautions for user

Special Provisions 63,190, 277, 327, 344, 381, 959

Limited Quantity (LQ) See SP277 EmS-No. F-D, S-U

14.7 Maritime transport in bulk according to IMO instruments

Transport in bulk according to Annex II of MARPOL and the IBC Code Not applicable

Air transport (ICAO-TI / IATA-DGR)

14.1 UN number or ID number UN1950

14.2 UN proper shipping name Aerosols, flammable

14.3 Transport hazard class(es) 2.1

14.4 Packing group Not regulated

Description UN1950, Aerosols, flammable, 2.1

14.5 Environmental hazards Not applicable

14.6 Special precautions for user

Special Provisions A145, A167, A802

Limited quantity (LQ) 30 kg G ERG Code 10L

SECTION 15: Regulatory information

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

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

SVHC: Substances of Very High Concern for Authorisation:

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

| Chemical name | CAS No. |
|---------------|----------|
| Acetone | 67-64-1 |
| Butane | 106-97-8 |

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

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Substance subject to authorisation per REACH Annex XIV

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

Export Notification requirements

This product does not contain substances which are regulated pursuant to Regulation (EC) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals above the level that triggers a labeling obligation under Regulation (EC) No 1272/2008. Therefore this product is not subject to prior informed consent notification.

Dangerous substance category per Seveso Directive (2012/18/EU)

P3a - FLAMMABLE AEROSOLS

P3b - FLAMMABLE AEROSOLS

Ozone-depleting substances (ODS) Regulation (EU) 2024/590

Not applicable

Persistent Organic Pollutants

Not applicable

REGULATION (EU) 2019/1148 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on the marketing and use of explosives precursors

This product is regulated by Regulation (EU) 2019/1148: all suspicious transactions, and significant disappearances and thefts should be reported to the relevant national contact point. This product contains:

| Chemical name | Reporting of suspicious transactions, | Restricted | Registration |
|-------------------|---------------------------------------|------------|--------------|
| | disappearances and thefts | | |
| Acetone - 67-64-1 | Regulated | | |

| aliphatic hydrocarbons | 5 - 15% |
|------------------------|---------|
| | |

National regulations

15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of any hazard and/or precautionary statements referred to under Sections 2-15

EUH066 - Repeated exposure may cause skin dryness or cracking

H225 - Highly flammable liquid and vapour

H280 - Contains gas under pressure; may explode if heated

H319 - Causes serious eye irritation

H336 - May cause drowsiness or dizziness

Notes relating to the identification, classification and labelling of substances

Note C - Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

Note 11. When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed or

Note U - When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is

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packaged and therefore has to be assigned case by case. The following codes are assigned: Press. Gas (Comp.), Press. Gas (Liq.), Press. Gas (Ref. Liq.), Press. Gas (Diss.). Aerosols shall not be classified as gases under pressure (See Annex I, Part 2, Section 2.3.2.1, Note 2)

SVHC: Substances of Very High Concern for Authorisation:

PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances

vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

STOT RE: Specific target organ toxicity - Repeated exposure

STOT SE: Specific target organ toxicity - Single exposure

EWC: European Waste Catalogue

LOW: List of Wastes (see http://ec.europa.eu/environment/waste/framework/list.htm)

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IATA: International Air Transport Association

ICAO: ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air

IMDG: International Maritime Dangerous Goods

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

Legend SECTION 8: Exposure controls/personal protection

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)

AGW Occupational exposure limit value BGW Biological limit value Ceiling Maximum limit value Sk* Skin designation

| Classification procedure | |
|---|-----------------------|
| Classification according to Regulation (EC) No. 1272/2008 [CLP] | Method Used |
| Acute oral toxicity | Calculation method |
| Acute dermal toxicity | Calculation method |
| Acute inhalation toxicity - gas | Calculation method |
| Acute inhalation toxicity - vapour | Calculation method |
| Acute inhalation toxicity - dust/mist | Calculation method |
| Skin corrosion/irritation | Calculation method |
| Serious eye damage/eye irritation | Calculation method |
| Respiratory sensitisation | Calculation method |
| Skin sensitisation | Calculation method |
| Mutagenicity | Calculation method |
| Carcinogenicity | Calculation method |
| Reproductive toxicity | Calculation method |
| STOT - single exposure | Calculation method |
| STOT - repeated exposure | Calculation method |
| Acute aquatic toxicity | Calculation method |
| Chronic aquatic toxicity | Calculation method |
| Aspiration hazard | Calculation method |
| Ozone | Calculation method |
| Flammable aerosol | On basis of test data |

Key literature references and sources for data used to compile the SDS

European Food Safety Authority (EFSA)

European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)

European Chemicals Agency (ECHA) (ECHA_API)

Environmental Protection Agency

Acute Exposure Guideline Level(s) (AEGL(s))

International Uniform Chemical Information Database (IUCLID)

National Institute of Technology and Evaluation (NITE)

NIOSH (National Institute for Occupational Safety and Health)

Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme

Organisation for Economic Co-operation and Development Screening Information Data Set

Prepared By Product Safety & Regulatory Affairs

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Revision Note SDS sections updated: 1

Training Advice No information available

Further information No information available

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

Regulation (EC) No. 1907/2006 as amended by Regulation (EU) No. 2020/878, and Regulation (EC) No. 1272/2008

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

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