

Contact Sheet



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FORMULAS THAT WORK

SAFETY DATA SHEET

B7063 Solvent Cleaner

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

1.1. Product identifier

Product name B7063 Solvent Cleaner

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

Identified uses Cleaning agent.

1.3. Details of the supplier of the safety data sheet

Supplier

Bondloc UK Ltd
Unit 2 Bewdley Business Park
Long Bank
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Worcestershire
DY12 2TZ
+44 (0)1299 269269
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sales@bondloc.co.uk

1.4. Emergency telephone number

Emergency telephone +44 (0)1299 269269

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Aerosol 1 - H222, H229

Health hazards Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H336 Asp. Tox. 1 - H304

Environmental hazards Aquatic Chronic 2 - H411

2.2. Label elements

Pictogram



Signal word

Danger

B7063 Solvent Cleaner

| | |
|---------------------------------|---|
| Hazard statements | <p>H222 Extremely flammable aerosol.</p> <p>H229 Pressurised container: may burst if heated</p> <p>H315 Causes skin irritation.</p> <p>H319 Causes serious eye irritation.</p> <p>H332 Harmful if inhaled.</p> <p>H336 May cause drowsiness or dizziness.</p> <p>H411 Toxic to aquatic life with long lasting effects.</p> |
| Precautionary statements | <p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P211 Do not spray on an open flame or other ignition source.</p> <p>P251 Do not pierce or burn, even after use.</p> <p>P261 Avoid breathing vapour/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P312 Call a POISON CENTER/ doctor if you feel unwell.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P391 Collect spillage.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p> <p>P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p> |
| Contains | Naphtha (Petroleum) Hydrotreated Light (Low Boiling Point), acetone |

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| | |
|---|----------------------|
| Naphtha (Petroleum) Hydrotreated Light (Low Boiling Point) | 30-60% |
| CAS number: 64742-49-0 | EC number: 265-151-9 |
| Classification | |
| Flam. Liq. 2 - H225 | |
| Acute Tox. 4 - H332 | |
| Skin Irrit. 2 - H315 | |
| STOT SE 3 - H336 | |
| Asp. Tox. 1 - H304 | |
| Aquatic Chronic 2 - H411 | |

B7063 Solvent Cleaner

| | | | |
|--------------------------|----------------------|--|---------------|
| butane | | | 10-30% |
| CAS number: 106-97-8 | EC number: 203-448-7 | | |
| Classification | | | |
| Flam. Gas 1 - H220 | | | |
| acetone | | | 10-30% |
| CAS number: 67-64-1 | EC number: 200-662-2 | REACH registration number: 01-2119475514-35-0000 | |
| Classification | | | |
| Flam. Liq. 2 - H225 | | | |
| Eye Irrit. 2 - H319 | | | |
| STOT SE 3 - H336 | | | |
| n-hexane | | | <1% |
| CAS number: 110-54-3 | EC number: 203-777-6 | | |
| Classification | | | |
| 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 | | | |

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures**

| | |
|----------------------------|--|
| General information | Move affected person to fresh air at once. |
| Inhalation | Move affected person to fresh air at once. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention. |
| Ingestion | Move affected person to fresh air at once. Rinse mouth. Do not induce vomiting. Get medical attention if any discomfort continues. |
| Skin contact | Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues. |
| Eye contact | Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention promptly if symptoms occur after washing. |

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

| | |
|----------------------------|--|
| General information | The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Prolonged and repeated contact with solvents over a long period may lead to permanent health problems. |
| Inhalation | Overexposure to organic solvents may depress the central nervous system, causing dizziness and intoxication and, at very high concentrations, unconsciousness and death. |

B7063 Solvent Cleaner

| | |
|---------------------|--|
| Ingestion | Fumes from the stomach contents may be inhaled, resulting in the same symptoms as inhalation. May cause discomfort if swallowed. |
| Skin contact | Skin irritation. Prolonged contact may cause redness, irritation and dry skin. |
| Eye contact | Prolonged contact may cause redness and/or tearing. |

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

| | |
|-----------------------------|---|
| Notes for the doctor | Show this Safety Data Sheet to the medical personnel. |
|-----------------------------|---|

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|---------------------------------------|--|
| Suitable extinguishing media | Water spray, foam, dry powder or carbon dioxide. |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |

5.2. Special hazards arising from the substance or mixture

| | |
|--------------------------------------|---|
| Specific hazards | Pressurised container: may burst if heated |
| Hazardous combustion products | Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO ₂). Carbon monoxide (CO). Toxic gases or vapours. |

5.3. Advice for firefighters

| | |
|--|--|
| Protective actions during firefighting | Use water spray to reduce vapours. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. |
| Special protective equipment for firefighters | Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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|-----------------------------|---|
| Personal precautions | Ensure suitable respiratory protection is worn during removal of spillages in confined areas. |
|-----------------------------|---|

6.2. Environmental precautions

| | |
|----------------------------------|--|
| Environmental precautions | Do not discharge into drains or watercourses or onto the ground. |
|----------------------------------|--|

6.3. Methods and material for containment and cleaning up

| | |
|--------------------------------|--|
| Methods for cleaning up | Eliminate all sources of ignition. Absorb in vermiculite, dry sand or earth and place into containers. Provide adequate ventilation. |
|--------------------------------|--|

6.4. Reference to other sections

| | |
|------------------------------------|---|
| Reference to other sections | For personal protection, see Section 8. |
|------------------------------------|---|

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|--------------------------|---|
| Usage precautions | Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. Avoid inhalation of vapours and spray/mists. Do not spray on an open flame or other ignition source. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited. |
|--------------------------|---|

7.2. Conditions for safe storage, including any incompatibilities

| | |
|----------------------------|--|
| Storage precautions | Store in a well-ventilated place. Keep away from heat, sparks and open flame. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. |
|----------------------------|--|

B7063 Solvent Cleaner

Storage class Extremely flammable aerosol.

7.3. Specific end use(s)

Specific end use(s) Cleaning agent.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

butane

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1450 mg/m³

Short-term exposure limit (15-minute): WEL 750 ppm 1810 mg/m³

acetone

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m³

Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m³

WEL = Workplace Exposure Limit

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Personal protection

Wear protective clothing.

Eye/face protection

Wear chemical splash goggles.

Hand protection

It is recommended that chemical-resistant, impervious gloves are worn. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

Other skin and body protection

Provide eyewash station.

Hygiene measures

When using do not eat, drink or smoke. Wash promptly if skin becomes contaminated.

Respiratory protection

Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. In case of possible exposure to degradation products, use suitable respiratory protection.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Aerosol.

Odour

Acetone. Ketones. Hydrocarbons.

Flash point

< -40°C

Upper/lower flammability or explosive limits

Lower flammable/explosive limit: Upper flammable/explosive limit:

Solubility(ies)

The product is partly miscible with water and may spread in the aquatic environment.

Auto-ignition temperature

410-580°C

9.2. Other information

B7063 Solvent Cleaner

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Stable under the prescribed storage conditions.

10.2. Chemical stability

Stability Highly volatile

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Under normal conditions of storage and use, no hazardous reactions will occur. Will not polymerise.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid Strong reducing agents.

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - inhalation

ATE inhalation (gases ppm) 11,538.46

ATE inhalation (vapours mg/l) 28.21

ATE inhalation (dusts/mists mg/l) 3.85

General information Extensive use of the product in areas with inadequate ventilation may result in the accumulation of hazardous vapour concentrations.

Inhalation High exposures may cause an abnormal heart rhythm and prove suddenly fatal.

Ingestion There maybe soreness and redness of the mouth and throat. Pneumonia may be the result if vomited material containing solvents reaches the lungs.

Skin contact Repeated exposure may cause skin dryness or cracking. Skin irritation.

Eye contact Vapour or spray in the eyes may cause irritation and smarting.

Route of entry Inhalation

Target organs Central nervous system Respiratory system, lungs

Medical symptoms Narcotic effect

SECTION 12: Ecological Information

Ecotoxicity The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment. Do not discharge into drains or watercourses or onto the ground.

12.1. Toxicity

Ecotoxicity

Toxicity Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

B7063 Solvent Cleaner

12.2. Persistence and degradability

12.3. Bioaccumulative potential

Bioaccumulative potential The product contains potentially bioaccumulating substances. No data available on bioaccumulation.

12.4. Mobility in soil

Mobility The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of waste product or used containers in accordance with local regulations

Disposal methods Do not puncture or incinerate, even when empty. Empty containers must not be punctured or incinerated because of the risk of an explosion.

Waste class Full or Partially Empty Aerosol: 16 05 04. Empty Aerosol: 15 01 10 (Containing hazardous residues). Empty Aerosol; 15 01 04 (No hazardous Residues).

SECTION 14: Transport information

General This product is packed in accordance with the Limited quantity Provisions of CDGCPL2, ADR and IMDG. These provisions allow the transport of aerosols of less than 1 litre packed in cartons of less than 30kg gross weight to be exempt from control providing they are labelled in accordance with the requirements of those regulations to show that they are transported as Limited Quantities. Aerosols not so packed must show the following.

14.1. UN number

UN No. (ADR/RID) 1950

UN No. (IMDG) 1950

UN No. (ICAO) 1950

14.2. UN proper shipping name

14.3. Transport hazard class(es)

ADR/RID class 2, 5f class 2:Gases

IMDG class 2.1

ICAO class/division 2.1

Transport labels



14.4. Packing group

ADR/RID packing group #

IMDG packing group #

ICAO packing group #

14.5. Environmental hazards

B7063 Solvent Cleaner

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS F-D, S-U

Tunnel restriction code (D)

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

Transport in bulk according to Annex II of MARPOL 73/78 Not applicable.

and the IBC Code

SECTION 15: Regulatory information

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

EU legislation 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision date 16/07/2015

SDS number 4894

Hazard statements in full

- H220 Extremely flammable gas.
- H222 Extremely flammable aerosol.
- H225 Highly flammable liquid and vapour.
- H229 Pressurised container: may burst if heated
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H336 May cause drowsiness or dizziness.
- H361f Suspected of damaging fertility.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H411 Toxic to aquatic life with long lasting effects.

PRECAUTIONS: This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product.

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