SAFETY DATA SHEET
112 BRAKE SPRAY 500ML QSP

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

1.1. Product identifier
Product name 112 BRAKE SPRAY 500ML QSP
Product No. 000998083031

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

1.3. Details of the supplier of the safety data sheet
Supplier SUPAGARD LIMITED
23, Gavinton Street,
Muirend,
Glasgow,
Scotland,
G44 3EF
0141 633 5933
0141 637 7219
james@supagard.co.uk

1.4. Emergency telephone number

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
Classification (EC 1272/2008)
Physical and Chemical Hazards Flam. Aerosol 1 - H222
Human health Skin Irrit. 2 - H315; STOT SE 3 - H336
Environment Aquatic Chronic 2 - H411

2.2. Label elements
Label In Accordance With (EC) No. 1272/2008

Signal Word Danger

Hazard Statements
H222 Extremely flammable aerosol.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements
P102 Keep out of reach of children.
P271 Use only outdoors or in a well-ventilated area.
P261 Avoid breathing vapour/spray.
P280 Wear protective gloves.
P302+352 IF ON SKIN: Wash with plenty of soap and water.
P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P332+313 If skin irritation occurs: Get medical advice/attention.
P501 Dispose of contents/container in accordance with local regulations.

Supplementary Precautionary Statements
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
112 BRAKE SPRAY 500ML QSP

P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P362 Take off contaminated clothing and wash before reuse.
P410+412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

Supplemental label information

Contains:

SOL021 Hydrocarbons, C6 - C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane
H229 Pressurised container: May burst if heated

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

<table>
<thead>
<tr>
<th>BUTANE</th>
<th>10-30%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS-No.: 106-97-8</td>
<td>EC No.: 203-448-7</td>
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<tr>
<td>Registration Number: Exempt - Naturally occuring</td>
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<table>
<thead>
<tr>
<th>ISOBUTANE</th>
<th>5-10%</th>
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<td>EC No.: 200-857-2</td>
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</table>

<table>
<thead>
<tr>
<th>NAPHTHA (PETROLEUM), HYDROTREATED LIGHT</th>
<th>30-60%</th>
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</thead>
<tbody>
<tr>
<td>CAS-No.: 64742-49-0</td>
<td>EC No.: 921-024-6</td>
</tr>
<tr>
<td>Registration Number: 01-2119475514-35-XXXX</td>
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</tr>
<tr>
<td>Skin Irrit. 2 - H315</td>
<td>Xi;R38.</td>
</tr>
<tr>
<td>STOT SE 3 - H336</td>
<td>F;R11.</td>
</tr>
<tr>
<td>Asp. Tox. 1 - H304</td>
<td>N;R51/53.</td>
</tr>
<tr>
<td>Aquatic Chronic 2 - H411</td>
<td>R67.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PROPAN-2-OL</th>
<th>1-5%</th>
</tr>
</thead>
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<tr>
<td>CAS-No.: 67-63-0</td>
<td>EC No.: 200-661-7</td>
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<tr>
<td>Registration Number: 01-2119457558-25-XXXX</td>
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</tr>
<tr>
<td>Eye Irrit. 2 - H319</td>
<td>Xi;R36</td>
</tr>
<tr>
<td>STOT SE 3 - H336</td>
<td>R67</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>STODDARD SOLVENT</th>
<th>1-5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS-No.: 8052-41-3</td>
<td>EC No.: 232-489-3</td>
</tr>
<tr>
<td>Registration Number: 01-2120261965-45-XXXX</td>
<td></td>
</tr>
</tbody>
</table>
SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information
Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Inhalation
Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

Ingestion
DO NOT INDUCE VOMITING! Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continues.

Skin contact
Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

Eye contact
Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

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

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media
Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters

5.3. Advice for firefighters
Special Fire Fighting Procedures
Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up


6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

7.2. Conditions for safe storage, including any incompatibilities

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.
7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>STD</th>
<th>TWA - 8 Hrs</th>
<th>STEL - 15 Min</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUTANE</td>
<td>WEL</td>
<td>600 ppm</td>
<td>1450 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>750 ppm</td>
<td>1810 mg/m³</td>
</tr>
<tr>
<td>NAPHTHA (PETROLEUM), HYDROTREATED LIGHT</td>
<td>WEL</td>
<td>1200 mg/m³</td>
<td>60 ppm</td>
<td>216 mg/m³</td>
</tr>
<tr>
<td>PROPAN-2-OL</td>
<td>WEL</td>
<td>400 ppm</td>
<td>999 mg/m³</td>
<td>500 ppm</td>
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</table>

WEL = Workplace Exposure Limit.

8.2. Exposure controls

Protective equipment

Engineering measures
Provide adequate general and local exhaust ventilation.

Respiratory equipment
No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Use chemical cartridge protection with appropriate cartridge.

Hand protection
Use protective gloves.

Eye protection
Use approved safety goggles or face shield.

Other Protection
Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures
DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Aerosol.</td>
</tr>
<tr>
<td>Colour</td>
<td>Typical</td>
</tr>
<tr>
<td>Odour</td>
<td>Characteristic.</td>
</tr>
<tr>
<td>Flammability Limit - Lower(%)</td>
<td>0.8</td>
</tr>
<tr>
<td>Flammability Limit - Upper(%)</td>
<td>9.0</td>
</tr>
</tbody>
</table>

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

10.5. Incompatible materials

10.6. Hazardous decomposition products


SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Inhalation
May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system. Irritating to respiratory system.

Ingestion
May cause discomfort if swallowed. May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.

Skin contact
Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. May cause allergic contact eczema. May cause sensitisation by skin contact. Irritating to skin.

Eye contact
Irritating to eyes. May cause chemical eye burns.

Route of entry
Inhalation. Skin and/or eye contact.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity
Dangerous for the environment if discharged into watercourses.

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

UN No. (ADR/RID/ADN) 1950
UN No. (IMDG) 1950
UN No. (ICAO) 1950

14.2. UN proper shipping name

Proper Shipping Name AEROSOLS
112 BRAKE SPRAY 500ML QSP

14.3. Transport hazard class(es)

ADR/RID/ADN Class 2
ADR/RID/ADN Class Class 2: Gases
ADR Label No. 2.1
IMDG Class 2.1
ICAO Class/Division 2.1
Transport Labels

14.4. Packing group

ADR/RID/ADN Packing group Not Applicable
IMDG Packing group Not Applicable
ICAO Packing group Not Applicable

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant No.

14.6. Special precautions for user

EMS F-D, S-U

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

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

Statutory Instruments
The Aerosol Dispensers (Amendment) Regulations 2014 No.1130
Guidance Notes
Workplace Exposure Limits EH40.
Introduction to Local Exhaust Ventilation HS(G)37.
EU Legislation
The Aerosol Dispensers Directive 1975/324 EEC
Regulation (EC) No.1272/2008 The Classification, Labelling and Packaging of substances and mixtures Regulations
Regulation (EC) No. 1907/2006 The Registration, Evaluation, Authorisation and Restriction of Chemicals Regulations (REACH)
2001/95/EC The General Product Safety Directive (GSPD)
Commission Regulation (EU) 2015/830 Requirements for the compilation of safety data sheets (amending REACH)
Authorisations (Title VII Regulation 1907/2006)
No specific authorisations are noted for this product.
Restrictions (Title VIII Regulation 1907/2006)
No specific restrictions of use are noted for this product.

15.2. Chemical Safety Assessment

16. OTHER INFORMATION

Revision Date 03/01/2018
Revision 3
Supersedes date 14/09/2016
Hazard Statements In Full

H220 Extremely flammable gas. , H222 Extremely flammable aerosol. , H225 Highly flammable liquid and vapour. , H226 Flammable liquid and vapour. , H304 May be fatal if swallowed and enters airways. , H315 Causes skin irritation. , H319 Causes serious eye irritation. , H336 May cause drowsiness or dizziness. , H411 Toxic to aquatic life with long lasting effects.