SAFETY DATA SHEET
CLGR - PMA CLEAR GREASE 500ML

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

1.1. Product identifier
Product name: CLGR - PMA CLEAR GREASE 500ML
Product No.: 002718000008

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses: As product description

1.3. Details of the supplier of the safety data sheet
Supplier: Manufactured for PMA
83 Ducie Street
Manchester
M1 2JQ
+44 (0)333 313 3349
info@pmachemicals.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
- Skin Irrit. 2 - H315;STOT SE 3 - H336
Environment
- Aquatic Chronic 3 - H412

Classification (1999/45/EEC)
The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

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.
- H412 Harmful 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.
- P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
CLGR - PMA CLEAR GREASE 500ML

If eye irritation persists: Get medical advice/attention.
Dispose of contents/container in accordance with local regulations.

If eye irritation persists: Get medical advice/attention.
Dispose of contents/container in accordance with local regulations.

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Do not spray on an open flame or other ignition source.

Pressurized container: Do not pierce or burn, even after use.

Wash contaminated skin thoroughly after handling.

Specific treatment (see medical advice on this label).

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Call a POISON CENTER or doctor/physician if you feel unwell.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

Store in a well-ventilated place. Keep container tightly closed.

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

Supplemental label information

H229 Pressurised container: May burst if heated

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

BUTANE

10-30%

CAS-No.: 106-97-8 EC No.: 203-448-7

Classification (EC 1272/2008)
Flam. Gas 1 - H220 Classification (67/548/EEC)
F++;R12

ISOBUTANE

10-30%

CAS-No.: 75-28-5 EC No.: 200-857-2

Classification (EC 1272/2008)
Flam. Gas 1 - H220 Classification (67/548/EEC)
F++;R12

MINERAL OIL (REFINED)

1-5%

CAS-No.: 64742-52-5 EC No.: 265-155-0

Classification (EC 1272/2008)
Not classified. Classification (67/548/EEC)
Not classified.

NAPHTHA (PETROLEUM), HYDROTREATED LIGHT

10-30%

CAS-No.: 64742-49-0 EC No.: 921-024-6 Registration Number: 01-2119475514-35-xxxx

Classification (EC 1272/2008)
Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H301 Aquatic Chronic 2 - H411
Classification (67/548/EEC)
Xn;R65. Xi;R38. F;R11. N;R51/53. R67.
### 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

*Unusual Fire & Explosion Hazards*

Aerosol cans may explode in a fire.
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>750 ppm</td>
</tr>
<tr>
<td>ISOBUTANE</td>
<td>WEL</td>
<td>800 ppm</td>
<td>1810 mg/m³</td>
<td>800 ppm</td>
</tr>
<tr>
<td>MINERAL OIL (REFINED)</td>
<td></td>
<td>5 mg/m³</td>
<td></td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>NAPHTHA (PETROLEUM) , HYDROTREATED LIGHT</td>
<td></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>
</tr>
<tr>
<td>PROPANE</td>
<td></td>
<td>Asphyxiating</td>
<td>Asphyxiating.</td>
<td>Asphyxiating</td>
</tr>
<tr>
<td>XYLENE</td>
<td>WEL</td>
<td>50 ppm(Sk)</td>
<td>220 mg/m³(Sk)</td>
<td>100 ppm(Sk)</td>
</tr>
</tbody>
</table>

WEL = Workplace Exposure Limit.
Ingredient Comments
OES = Occupational Exposure Standard. MEL = Maximum 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
Wear approved chemical safety goggles where eye exposure is reasonably probable. 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>3.0</td>
</tr>
<tr>
<td>Flammability Limit - Upper(%)</td>
<td>18.6</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.
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

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

SECTION 15: REGULATORY INFORMATION

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

Uk Regulatory References
The Control of Substances Hazardous to Health Regulations 2002.
Statutory Instruments
The Control of Substances Hazardous to Health Regulations 2002.
Approved Code Of Practice
Classification and Labelling of Substances and Preparations Dangerous for Supply.
Guidance Notes
Workplace Exposure Limits EH40.
Introduction to Local Exhaust Ventilation HS(G)37.
CHIP for everyone HS(G)(108).

15.2. Chemical Safety Assessment

SECTION 16: OTHER INFORMATION

Revision Date 28/10/2015
Revision 2
Supersedes date 07/09/2015

Risk Phrases In Full
R12 Extremely flammable.
R10 Flammable.
R20/21 Harmful by inhalation and in contact with skin.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R11 Highly flammable
R36 Irritating to eyes.
R38 Irritating to skin.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67 Vapours may cause drowsiness and dizziness.

Hazard Statements In Full
H319 Causes serious eye irritation.
H315 Causes skin irritation.
H222 Extremely flammable aerosol.
H220 Extremely flammable gas.
H226 Flammable liquid and vapour.
H332 Harmful if inhaled.
H312 Harmful in contact with skin.
H412 Harmful to aquatic life with long lasting effects.
H225 Highly flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.