

# SAFETY DATA SHEET

## Crack It



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

#### 1.1. Product identifier

Product name                      Crack It

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

Identified uses                      PC24 Lubricants, greases, release products

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

##### Supplier

Arctic Hayes Ltd  
Glover Way  
Leeds  
West Yorkshire  
LS11 5JP  
T+44 (0) 113 271 5245  
F+44 (0) 113 271 5779  
sales@arctic-hayes.com

#### 1.4. Emergency telephone number

Emergency telephone              +44 (0)113 271 5245

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical hazards                      Aerosol 1 - H222, H229

Health hazards                        Not Classified

Environmental hazards              Not Classified

Classification (67/548/EEC or 1999/45/EC)      F+;R12. R66.

**Human health**                      Gas or vapour is harmful on prolonged exposure or in high concentrations. In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

**Environmental**                      The product is not expected to be hazardous to the environment.

**Physicochemical**                      Aerosol containers can explode when heated, due to excessive pressure build-up. The product is extremely flammable. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

#### 2.2. Label elements

##### Pictogram



Signal word                              Danger

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|                                 |  |
|---------------------------------|--|
| <b>Hazard statements</b>        | H222 Extremely flammable aerosol.<br>H229 Pressurised container: may burst if heated   |
| <b>Precautionary statements</b> | P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P211 Do not spray on an open flame or other ignition source.<br>P251 Do not pierce or burn, even after use.<br>P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.<br>P102 Keep out of reach of children.<br>P501 Dispose of contents/ container in accordance with local regulations.<br>P260 Do not breathe vapour/ spray.<br>P271 Use only outdoors or in a well-ventilated area. |

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

|  |  |  |
|--|--|--|
| <b>PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS</b>                           |  | <b>60-100%</b>                                   |
| CAS number: 68476-85-7   | EC number: 270-704-2                             |  |
| <b>Classification</b>  | <b>Classification (67/548/EEC or 1999/45/EC)</b> |  |
| Flam. Gas 1 - H220<br>Press. Gas, Liquefied - H280                         | F+;R12 Carc. Cat. 1;R45 Muta. Cat. 2;R46         |  |
| <b>Odourless Kerosene</b>  |  | <b>10-30%</b>                                    |
| CAS number: —  | EC number: 926-141-6                             | REACH registration number: 01-2119456620-43      |
| <b>Classification</b>  | <b>Classification (67/548/EEC or 1999/45/EC)</b> |  |
| Asp. Tox. 1 - H304   | Xn;R65. R66.                                     |  |
| <b>DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC; BASEOIL - U</b> |  | <b>&lt;1%</b>                                    |
| CAS number: 64742-54-7   | EC number: 265-157-1                             | REACH registration number: 01-2119484627-25-XXXX |
| <b>Classification</b>  | <b>Classification (67/548/EEC or 1999/45/EC)</b> |  |
| Asp. Tox. 1 - H304   | Carc. Cat. 2;R45                                 |  |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                            |   |
|----------------------------|---|
| <b>General information</b> | Move affected person to fresh air at once.  |
| <b>Inhalation</b>          | If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Keep the affected person warm and at rest. Get prompt medical attention. |
| <b>Ingestion</b>           | Rinse mouth thoroughly with water. DO NOT induce vomiting. Get medical attention immediately.   |

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**Skin contact** Remove contaminated clothing immediately and wash skin with soap and water.

**Eye contact** Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

### 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.

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

**Notes for the doctor** Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with foam, carbon dioxide, dry powder or water fog.

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

**Specific hazards** Containers can burst violently or explode when heated, due to excessive pressure build-up. Extremely flammable. Forms explosive mixtures with air. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours. Warn firefighters that aerosols are involved.

## SECTION 6: Accidental release measures

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

**Personal precautions** Provide adequate ventilation. Use suitable respiratory protection if ventilation is inadequate. Avoid inhalation of vapours.

### 6.2. Environmental precautions

**Environmental precautions** Avoid the spillage or runoff entering drains, sewers or watercourses. Contain spillage with sand, earth or other suitable non-combustible material.

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

**Methods for cleaning up** Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb spillage with non-combustible, absorbent material. Leave small quantities to evaporate, if safe to do so. Do not allow material to enter confined spaces, due to the risk of explosion.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Read and follow manufacturer's recommendations. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Do not spray on a naked flame or any incandescent material.

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

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**Storage precautions** Extremely flammable. Keep away from heat, sparks and open flame. Store at moderate temperatures in dry, well ventilated area. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m<sup>3</sup>

#### Odourless Kerosene

Long-term exposure limit (8-hour TWA): OEL 1200 mg/m<sup>3</sup>

#### DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC; BASEOIL - U

Long-term exposure limit (8-hour TWA): 5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): ACGIH = American Conference of Governmental Industrial Hygienists 10 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

OEL = Occupational Exposure Limit.

**Ingredient comments** WEL = Workplace Exposure Limits SUP = Supplier's recommendation.

#### DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC; BASEOIL - U (CAS: 64742-54-7)

**DNEL** Industry/Professional - Inhalation; Long term local effects: 5.4 mg/m<sup>3</sup>

### 8.2. Exposure controls

**Appropriate engineering controls** Provide adequate ventilation. Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients.

**Personal protection** When using do not smoke.

**Eye/face protection** Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

**Hand protection** Due to the packaging form, aerosol, risk of skin contact is small. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. 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.

**Hygiene measures** Wash hands after handling. Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate hand lotion to prevent defatting and cracking of skin.

**Respiratory protection** If ventilation is inadequate, suitable respiratory protection must be worn.

## SECTION 9: Physical and Chemical Properties

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

**Appearance** Aerosol.

**Colour** Colourless to pale yellow.

**Odour** Characteristic.

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|   |  |
|---|--|
| <b>Initial boiling point and range</b>              | -40 to -2°C @ 1013 hPa                                   |
| <b>Flash point</b>                                  | <-40°C   |
| <b>Upper/lower flammability or explosive limits</b> | Lower : 1.8% - Upper 9.5%                                |
| <b>Vapour pressure</b>                              | ca. 590 to 1760 kPa @ 45°C                               |
| <b>Vapour density</b>                               | ca. 1.5 at 15°C  |
| <b>Partition coefficient</b>                        | log Pow: ca. 2.3 to 2.8                                  |
| <b>Auto-ignition temperature</b>                    | 410 - 580°C  |
| <b>Comments</b>                                     | Information given is applicable to the major ingredient. |

### 9.2. Other information

|                                  |   |
|----------------------------------|---|
| <b>Other information</b>         | Not available.  |
| <b>Volatile organic compound</b> | This product contains a maximum VOC content of 564 g/l. |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

|                   |   |
|-------------------|---|
| <b>Reactivity</b> | Stable at normal ambient temperatures and when used as recommended. |
|-------------------|---|

### 10.2. Chemical stability

|                  |                       |
|------------------|-----------------------|
| <b>Stability</b> | Heat, sparks, flames. |
|------------------|-----------------------|

### 10.3. Possibility of hazardous reactions

|   |   |
|---|---|
| <b>Possibility of hazardous reactions</b> | Does not decompose when used and stored as recommended. |
|---|---|

### 10.4. Conditions to avoid

|                            |  |
|----------------------------|--|
| <b>Conditions to avoid</b> | Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight. |
|----------------------------|--|

### 10.5. Incompatible materials

|                           |  |
|---------------------------|--|
| <b>Materials to avoid</b> | Keep away from oxidising materials, heat and flames. |
|---------------------------|--|

### 10.6. Hazardous decomposition products

|   |  |
|---|--|
| <b>Hazardous decomposition products</b> | Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours. |
|---|--|

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                            |  |
|----------------------------|--|
| <b>General information</b> | Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.  |
| <b>Inhalation</b>          | In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Unconsciousness, possibly death. |
| <b>Skin contact</b>        | Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking.   |
| <b>Eye contact</b>         | Vapour or spray in the eyes may cause irritation and smarting.   |

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|   |  |
|---|--|
| <b>Acute and chronic health hazards</b> | In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Arrhythmia (deviation from normal heart beat). |
| <b>Route of entry</b>                   | Inhalation   |
| <b>Target organs</b>                    | Central nervous system Respiratory system, lungs   |
| <b>Medical symptoms</b>                 | Skin irritation. Arrhythmia (deviation from normal heart beat). Vapours may cause drowsiness and dizziness.  |

### SECTION 12: Ecological Information

**Ecotoxicity** No negative effects on the aquatic environment are known. The product is not expected to be toxic to aquatic organisms.

#### 12.1. Toxicity

**Toxicity** Not available.

#### 12.2. Persistence and degradability

**Persistence and degradability** Not available.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not available.

**Partition coefficient** log Pow: ca. 2.3 to 2.8

#### 12.4. Mobility in soil

**Mobility** Not known.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** Not available.

#### 12.6. Other adverse effects

**Other adverse effects** Not available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** Do not puncture or incinerate, even when empty.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Containers should be thoroughly emptied before disposal because of the risk of an explosion. Empty containers must not be punctured or incinerated because of the risk of an explosion.

### SECTION 14: Transport information

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

#### 14.1. UN number

**UN No. (ADR/RID)** 1950

**UN No. (IMDG)** 1950

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UN No. (ICAO) 1950

UN No. (ADN) 1950

### 14.2. UN proper shipping name

Proper shipping name (ADR/RID) AEROSOLS

Proper shipping name (IMDG) AEROSOLS

Proper shipping name (ICAO) AEROSOLS

Proper shipping name (ADN) AEROSOLS

### 14.3. Transport hazard class(es)

ADR/RID class 2.1

ADR/RID classification code 5F

ADR/RID label 2.1

IMDG class 2.1

ICAO class/division 2.1

ADN class 2.1

### Transport labels



### 14.4. Packing group

ADR/RID packing group None

IMDG packing group None

ADN packing group None

ICAO packing group None

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

EmS F-D, S-U

ADR transport category 2

Tunnel restriction code (D)

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

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78  
and the IBC Code

## SECTION 15: Regulatory information

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

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|                             |  |
|-----------------------------|--|
| <b>National regulations</b> | The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).  |
| <b>EU legislation</b>       | Commission Regulation (EU) No 453/2010 of 20 May 2010.   |
| <b>Guidance</b>             | Workplace Exposure Limits EH40.<br>CHIP for everyone HSG228.<br>Safety Data Sheets for Substances and Preparations.<br>Approved Classification and Labelling Guide (Sixth edition) L131.<br>British Aerosol Manufacturers Code of Practice 7th. Edition 1999 |

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

|                                  |  |
|----------------------------------|--|
| <b>Revision comments</b>         | This is first issue.   |
| <b>Revision date</b>             | 23/02/2017   |
| <b>Revision</b>                  | 1  |
| <b>SDS number</b>                | 21217  |
| <b>SDS status</b>                | Approved.  |
| <b>Risk phrases in full</b>      | R10 Flammable.<br>R12 Extremely flammable.<br>R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.<br>R36/38 Irritating to eyes and skin.<br>R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.<br>R65 Harmful: may cause lung damage if swallowed.<br>R66 Repeated exposure may cause skin dryness or cracking.<br>R67 Vapours may cause drowsiness and dizziness. |
| <b>Hazard statements in full</b> | H220 Extremely flammable gas.<br>H222 Extremely flammable aerosol.<br>H229 Pressurised container: may burst if heated<br>H280 Contains gas under pressure; may explode if heated.<br>H304 May be fatal if swallowed and enters airways.  |

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.