

**SAFETY DATA SHEET**

CARBON FOAM CLEANER

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Compilation date: 07-02-2017

Revision No: 1

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** CARBON FOAM CLEANER

**Product code:** 2060

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

**Use of substance / mixture:** PROC7: Industrial spraying PROC11: Non industrial spraying

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

**Company name:** ProPart International B.V.

Molenakker 3

Reuver

5953 TW

The Netherlands

**Tel:** +31 (0) 77 476 2368

**Fax:** +31 (0) 77 476 2424

**Email:** info@propart-international.com

**1.4. Emergency telephone number**

**Emergency tel:** +31 (0) 77 476 2368 (08.30-17.00)

**Section 2: Hazards identification**

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

**Classification under CLP:** Flam. Aerosol 1: H222; Skin Corr. 1B: H314; Eye Dam. 1: H318; -: H229; -: EUH208

**Most important adverse effects:** Extremely flammable aerosol. Pressurised container: May burst if heated. Causes severe skin burns and eye damage. Contains (R)-p-mentha-1,8-diene. May produce an allergic reaction.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** H222: Extremely flammable aerosol.

H229: Pressurised container: May burst if heated

H314: Causes severe skin burns and eye damage.

EUH208: Contains (R)-p-mentha-1,8-diene. May produce an allergic reaction.

**Hazard pictograms:** GHS02: Flame

GHS05: Corrosion



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**Signal words:** Danger

**Precautionary statements:** P260: Do not breathe dust/fumes/gas/mist/vapours/spray.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.  
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.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P403: Store in a well-ventilated place.  
P501: Dispose of contents/container to an approved waste disposal according to local/regional/national/international regulations.

### 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

BUTANE (CONTAINING  $\geq 0.1$  % BUTADIENE (203-450-8))

EINECS	CAS	PBT / WEL	CLP Classification	Percent
203-448-7	106-97-8	-	Flam. Gas 1: H220; Carc. 1A: H350; Muta. 1B: H340; Press. Gas: H280	1-10%

PROPANE - REACH registered number(s): 01-2119486944-21-XXXX

200-827-9	74-98-6	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	1-10%
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2-AMINOETHANOL

205-483-3	141-43-5	-	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1B: H314	1-10%
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[cont...]

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### TETRAPOTASSIUM PYROPHOSPHATE

230-785-7	7320-34-5	-	Eye Irrit. 2: H319	1-10%
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### ALCOHOLETHOXYLAAT

-	-	-	Eye Dam. 1: H318; Acute Tox. 4: H302	1-10%
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### Non-classified ingredients:

(2-METHOXYMETHYLETHOXY)PROPANOL - REACH registered number(s): 01-2119450011-60

EINECS	CAS	PBT / WEL	CLP Classification	Percent
252-104-2	34590-94-8	-	-	10-30%

## Section 4: First aid measures

### 4.1. Description of first aid measures

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin.  
Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Wash immediately with plenty of soap and water. Consult a doctor.
- Eye contact:** Rinse opened eye for several minutes under running water. Consult a doctor.
- Ingestion:** Do not induce vomiting. Drink plenty of water and provide fresh air. Call a doctor immediately.
- Inhalation:** In case of unconsciousness place patient stably in side position for transportation

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

- Skin contact:** Causes severe skin burns and eye damage.
- Eye contact:** Causes severe eye damage.
- Ingestion:** There may be soreness and redness of the mouth and throat.
- Inhalation:** There may be shortness of breath with a burning sensation in the throat. There may be irritation of the throat with a feeling of tightness in the chest.

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

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Water fog. Carbon dioxide. Alcohol resistant foam. Extinguishing powder. Do not use water jet.

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

**Exposure hazards:** No data available.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

[cont...]

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## Section 6: Accidental release measures

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

**Personal precautions:** Wear protective equipment. Keep unprotected persons away.

### 6.2. Environmental precautions

**Environmental precautions:** Do not allow product to reach sewage system or any water course. Do not allow to enter sewers/surface or ground water. Notify authorities if product enters sewers or public waters.

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

**Clean-up procedures:** Use neutralizing agent. Ensure adequate ventilation. Do not flush with water or aqueous cleaning agents. Refer to section 13 of SDS for suitable method of disposal.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS. Refer to section 13 of SDS. See section 7 for information on safe handling

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area. Open and handle receptacle with care. Do not spray onto a naked flame or any incandescent material. Keep ignition sources away. Smoking is forbidden. Protect against electrostatic charges. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 °C i.e. electric lights. Do not pierce or burn, even after use.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. Observe official regulations on storing packagings with pressurised containers. Keep away from heat. Keep away from direct sunlight. Keep dry. Protect from moisture. Do not seal receptacle gas tight.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

[cont...]

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## PROPANE

### Workplace exposure limits:

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1800 mg/m <sup>3</sup>	7200 mg/m <sup>3</sup>	-	-

### Respirable dust

## 2-AMINOETHANOL

UK	2.5 mg/m <sup>3</sup>	7.6 mg/m <sup>3</sup>	-	-
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### DNEL/PNEC Values

DNEL / PNEC No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at end of work. Avoid contact with the eyes and skin. Immediately remove all soiled and contaminated clothing.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency. In brief exposure or low pollution use respiratory filter device. In case of intensive / long term exposition of the surrounding air independent respiratory filter device. Filter AX/P2 Filter A/P2.

**Hand protection:** Protective gloves. Recommended thickness >0,5 mm. Solvent-resistant gloves. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. Nitrile rubber, NBR Chemical resistant gloves (according to European standard NF EN 374 or equivalent).

**Eye protection:** Tightly fitting safety goggles. Ensure eye bath is to hand.

**Skin protection:** Use protective suit (EN-13034/6).

## Section 9: Physical and chemical properties

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

**State:** Aerosol

**Colour:** According to product specification.

**Odour:** Characteristic odour

**Boiling point/range°C:** -44

**Flash point°C:** -97

**Vapour pressure:** 23 hPa

**pH:** 11.7

**VOC g/l:** 263.8

### 9.2. Other information

**Other information:** Density at 20°C=1.01 g/cm<sup>3</sup>, Solvent content: Organic 26.1%, Solids content: 1.0%, Explosion limits: Lower=1.1Vol% Upper=14.0Vol%. Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

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## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** No data available.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** No dangerous reactions known.

### 10.4. Conditions to avoid

**Conditions to avoid:** No further relevant information available.

### 10.5. Incompatible materials

**Materials to avoid:** No further relevant information available.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** No dangerous decomposition products known.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Hazardous ingredients:**

#### 2-AMINOETHANOL

IVN	RAT	LD50	225	mg/kg
ORL	MUS	LD50	700	mg/kg
ORL	RAT	LD50	1720	mg/kg
SCU	RAT	LD50	1500	mg/kg

**Relevant hazards for product:**

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

### Symptoms / routes of exposure

**Skin contact:** Causes severe skin burns and eye damage.

**Eye contact:** Causes severe eye damage.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be shortness of breath with a burning sensation in the throat. There may be irritation of the throat with a feeling of tightness in the chest.

[cont...]

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## Section 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicity values:

Species	Test	Value	Units
Alcoholethoxylaar	-	-	-
ALGAE	LC50	10-100	mg/l
FISH	LC50	10-100	mg/l
CAS 7320-34-5	-	-	-
FISH	48H LC50	>750	mg/l

### 12.2. Persistence and degradability

**Persistence and degradability:** No data available.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

### 12.4. Mobility in soil

**Mobility:** No data available.

### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

### 12.6. Other adverse effects

**Other adverse effects:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company. Must not be disposed together with household garbage or into the sewage system. Do not discharge into sewers or drains.

**Recovery operations:** Disposal must be made according to official regulations.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

[cont...]

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## Section 14: Transport information

### 14.1. UN number

UN number: UN1950

### 14.2. UN proper shipping name

Shipping name: AEROSOLS

### 14.3. Transport hazard class(es)

Transport class: 2

### 14.4. Packing group

### 14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

### 14.6. Special precautions for user

Special precautions: EMS number:F-D,S-U.

Tunnel code: D

Transport category: 2

## Section 15: Regulatory information

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

Specific regulations: Not applicable.

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H220: Extremely flammable gas.

H222: Extremely flammable aerosol.

H229: Pressurised container: May burst if heated

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

[cont...]

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H332: Harmful if inhaled.

H340: May cause genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H350: May cause cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

