

**SAFETY DATA SHEET**

PRO CLEANER

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Compilation date: 30-04-2015

Revision No: 1

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

**1.1. Product identifier**

**Product name:** PRO CLEANER

**Product code:** 4071-4075-4076

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

**Use of substance / mixture:** PC35: Washing and cleaning products (including solvent based products).

**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](mailto: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:** Eye Irrit. 2: H319

**2.2. Label elements**

**Label elements:**

**Hazard pictograms:** GHS07: Exclamation mark



**Signal words:** Warning

**2.3. Other hazards**

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

**Section 3: Composition/information on ingredients**

**3.2. Mixtures**

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## Hazardous ingredients:

### 2-BUTOXYETHANOL

EINECS	CAS	PBT / WEL	CLP Classification	Percent
203-905-0	111-76-2	-	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315	1-10%

### ALCOHOL C9-11, ETHOXYLATED

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	68439-46-3	-	Acute Tox. 4: H302; Eye Dam. 1: H318	1-10%

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. Remove contaminated clothing and wash before reuse. Thoroughly clean shoes for reuse. If irritation persists consult a doctor.

**Eye contact:** Immediately wash plenty of water, also under the eyelids. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. If the material has been swallowed and person is conscious, let the victim drink small amounts of water. Stop this if the victim becomes nauseous, because vomiting can be dangerous. Do not induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration into lungs.

**Inhalation:** Move victim to fresh air and position comfortably. If breathing is difficult, give oxygen and obtain medical attention. In case of complaints consult doctor. Give artificial respiration if not breathing and seek medical help immediately. In case of unconsciousness place patient stably in side position for transportation. Make sure the airways are free. Loosen tight clothing, such as a shirt collar, tie, belt or belt.

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

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

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

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Eye bathing equipment should be available on the premises. No action may be taken if there is a risk of personal accident or in case of insufficient training. This can be dangerous. Treat symptomatically. Warn the National Poison Information Center or anti-poison center unintentionally if large quantities have been taken or inhaled.

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## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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

**Exposure hazards:** In combustion emits toxic fumes. In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In a fire or if heated, the pressure rises and the container may burst.

### 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. In case of fire, isolate the site immediately by removing all persons from the vicinity of the incident. No action may be taken if there is a risk of personal accident or in case of insufficient training.

## Section 6: Accidental release measures

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

**Personal precautions:** Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid. Evacuate the area immediately. Keep unprotected persons away. Do not walk or touch spilled substances. Do not breathe vapor. Ensure adequate ventilation. In case of insufficient ventilation, wear a suitable respiratory protection device.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding. Notify authorities if product enters sewers or public waters.

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

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations ( see Section 13).

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS. Refer to section 13 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air. Avoid contact with eyes and skin. Avoid breathing vapours or mist. Keep container closed when not in use. Eating, drinking,

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smoking and storing food is prohibited in workspace. Workers should wash hands and face before eating, drinking and smoking. Contaminated clothing may not leave the workspace.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. Protect from direct sunlight. Keep away from food and feed. Keep the packing dry and well sealed to prevent contamination and absorption of humidity. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep the product in containers clearly labeled. Take appropriate measures to prevent dispersal in the environment.

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

### 7.3. Specific end use(s)

**Specific end use(s):** No data available. This product should not be used without first seeking advice from the supplier for applications other than those recommended in section 1.1

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

#### 2-BUTOXYETHANOL

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	25 ppm	50 ppm	-	-

### DNEL/PNEC Values

#### PRO CLEANER

Type	Exposure	Value	Population	Effect
-	CAS 111-76-2	-	-	-
DNEL	Inhalation	246 mg/m <sup>3</sup>	Workers	Local
DNEL	Inhalation	633 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Dermal	89 mg/kg	Workers	Systemic
DNEL	Inhalation	231 mg/m <sup>3</sup>	Consumers	Local
DNEL	Inhalation	426 mg/m <sup>3</sup>	Consumers	Systemic
DNEL	Dermal	44.5 mg/kg bw/dag	Consumers	Systemic
DNEL	Oral	3.2 mg/kg bw/dag	Consumers	Systemic
PNEC	Fresh water sediments	8.14 mg/kg	-	-

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PNEC	Soil	2.8 mg/kg	-	-
PNEC	Marine sediments	3.46 mg/kg	-	-
PNEC	Fresh water	8.8 mg/l	-	-

## 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Wash hands before breaks and at end of work. Remove contaminated clothing immediately. Wash contaminated clothing before reuse. Wash thoroughly before reuse.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Protective gloves. Penetration time: >480 minutes, thickness 0,35mm. Nitrile rubber, NBR

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

**Skin protection:** Protective clothing. Chemically resistant protective suit

## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** characteristic raw material color

**Odour:** Characteristic odour

**Solubility in water:** Soluble

**Boiling point/range°C:** 100

**Melting point/range°C:** 0

**pH:** 11,2

**VOC g/l:** 10,3 g/l - 1%

### 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

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

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

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## 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicity values:

Route	Species	Test	Value	Units
CAS 68439-46-3	-	-	-	-
ORAL	RAT	LD50	1378	mg/kg
CAS 111-76-2	-	-	-	-
ORAL	RAT	LD50	917	mg/kg

#### Hazardous ingredients:

##### 2-BUTOXYETHANOL

IVN	RAT	LD50	307	mg/kg
ORL	MUS	LD50	1230	mg/kg
ORL	RAT	LD50	470	mg/kg

#### Relevant hazards for product:

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

### Symptoms / routes of exposure

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

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

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

## Section 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicity values:

Species	Test	Value	Units
CAS 68439-46-3	-	-	-

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Daphnia magna	48H EC50	12000	µg/l
FISH (Pimephales promelas)	96H LC50	8500	µg/l
CAS 111-76-3	-	-	-
Daphnia magna	48H EC50	>1000	mg/l
FISH (Menidia Beryllina)	96H LC50	1250000	µl/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:** No data available.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company. The classification of the product may meet the criteria for a hazardous waste. Avoid release to the environment. Do not let away in sewers or water courses.

**Disposal of packaging:** Empty packaging must be recycled. Dispose of the product and the packaging in a safe manner.

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

## Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

## 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.

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## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Regulation (EC) No. 1907/2006.  
This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.

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

**Phrases used in s.2 and s.3:** H302: Harmful if swallowed.  
H312: Harmful in contact with skin.  
H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H319: Causes serious eye irritation.  
H332: Harmful if inhaled.

**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.



