

**SAFETY DATA SHEET**

ANTI WELDING SPRAY

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Compilation date: 26-06-2017

Revision No: 1

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

**1.1. Product identifier**

**Product name:** ANTI WELDING SPRAY

**Product code:** 1001

**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 ERC8a: Wide dispersive indoor use of processing aids in open systems PC9a: Coatings and paints, thinners, paint removers. Surface protection.

**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:** Flam. Aerosol 1: H222; Skin Irrit. 2: H315; STOT SE 3: H336; Asp. Tox. 1: H304; Aquatic Chronic 3: H412; -: H229; -: EUH208

**Most important adverse effects:** Extremely flammable aerosol. Pressurised container: May burst if heated. Causes skin irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. Harmful to aquatic life with long lasting effects. 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

H315: Causes skin irritation.

H336: May cause drowsiness or dizziness.

H304: May be fatal if swallowed and enters airways.

[cont...]

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H412: Harmful to aquatic life with long lasting effects.

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

**Hazard pictograms:** GHS02: Flame

GHS07: Exclamation mark



**Signal words:** Danger

**Precautionary statements:** P501: Dispose of contents/container to an approved waste disposal according to local/regional/national/international regulations.

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.

P251: Do not pierce or burn, even after use.

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P211: Do not spray on an open flame or other ignition source.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P273: Avoid release to the environment.

P271: Use only outdoors or in a well-ventilated area.

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312: Call a POISON CENTER/doctor if you feel unwell.

P302+352: IF ON SKIN: Wash with plenty of water/.

P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

P403: Store in a well-ventilated place.

### 2.3. Other hazards

**Other hazards:** Danger of serious damage to health by prolonged exposure.

**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	62.500%

[cont...]

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PENTANE - REACH registered number(s): 01-2119459286-30-XXXX

203-692-4	109-66-0	-	Flam. Liq. 2: H225; Asp. Tox. 1: H304; STOT SE 3: H336; Aquatic Chronic 2: H411; -: EUH066	17.500%
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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	17.500%
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LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA (PETROLEUM), HYDROTREATED LIGHT

265-151-9	64742-49-0	-	Asp. Tox. 1: H304; Flam. Liq. 1: H224; Skin Irrit. 2: H315; Aquatic Chronic 2: H411	2.500%
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### Section 4: First aid measures

#### 4.1. Description of first aid measures

**Skin contact:** Generally the product does not irritate the skin.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Do not induce vomiting. Call a doctor immediately.

**Inhalation:** Provide fresh air. In case of complaints consult doctor.

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

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

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** No symptoms.

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

#### 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. Dry chemical powder. Carbon dioxide. Alcohol resistant foam. Do not use water jet.

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

#### 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.

### Section 6: Accidental release measures

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. 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:** Ensure adequate ventilation. Do not flush with water or aqueous cleaning agents.

### 6.4. Reference to other sections

**Reference to other sections:** See section 7 for information on safe handling 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:** 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. Do not seal receptacle gas tight. Keep away from direct sunlight. Keep away from heat.

### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

**PENTANE**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1800 mg/m3	-	-	-

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### PROPANE

UK	1800 mg/m3	7200 mg/m3	-	-
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### DNEL/PNEC Values

### ANTI WELDING SPRAY

Type	Exposure	Value	Population	Effect
-	CAS 109-66-0	-	-	-
DNEL	Oral	214 mg/kg bw/day	Consumers	Systemic
DNEL	Dermal	214 mg/kg bw/day	Consumers	Systemic
-	-	432 mg/kg bw/day	Workers	-
DNEL	Inhalation	643 mg/m3	Consumers	Systemic
-	-	3000 mg/m3	Workers	-
-	CAS 64742-49-0	-	-	-
DNEL	Oral	699 mg/kg bw/day	Consumers	Systemic
DNEL	Dermal	699 mg/kg bw/day	Consumers	Systemic
-	-	773 mg/kg bw/day	Workers	-
DNEL	Inhalation	608 mg/m3	Consumers	Systemic
-	-	2035 m3/m3	Workers	-

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Wash hands before breaks and at end of work. Do not inhale gases / fumes / aerosols.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency. In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure or low pollution use self-contained respiratory protective device. Filter AX/P2. Use suitable respiratory protective device in case of insufficient ventilation. Filter A/P2.

**Hand protection:** Nitrile gloves. Recommended thickness >0,5 mm. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The selection of a suitable gloves does not only depend on the material, but also upon the quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to use. The exact break through time has to be found out by the glove manufacturer; observed.

**Eye protection:** Safety glasses. Tightly sealed 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

[cont...]

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**Colour:** According to product specification.

**Odour:** Characteristic odour

**Solubility in water:** Not miscible

**Boiling point/range°C:** -44

**upper:** 10.9

**Vapour pressure:** 8300 hPa (20°C)

**Flammability limits %: lower:** 0.8

**Flash point°C:** -97

**VOC g/l:** 540.1 g/l / VOC-CH 92.49%

### 9.2. Other information

**Other information:** Ignition temperature: >200°C. Density: 0.584 g/cm<sup>3</sup> (20°C). Solvent content: organic solvent: 92.5%.

## 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 data available.

### 10.5. Incompatible materials

**Materials to avoid:** No data 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:**

#### PENTANE

IVN	MUS	LD50	446	mg/kg
ORL	RAT	LD50	400	mg/kg

**Relevant hazards for product:**

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated

[cont...]

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STOT-single exposure	-	Hazardous: calculated
Aspiration hazard	-	Hazardous: calculated

### Symptoms / routes of exposure

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

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** No symptoms.

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

### Section 12: Ecological information

#### 12.1. Toxicity

##### Ecotoxicity values:

Species	Test	Value	Units
CAS 109-66-0	-	-	-
Pseudokirchneriella subcapitata	72H NOEC	7.51	mg/l
Pseudokirchneriella subcapitata	72H EC50	10.7	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	4.26	mg/l
Daphnia magna	48H EC50	2.7	mg/l
CAS 64742-49-0	-	-	-
Pseudokirchneriella subcapitata	72H EL50	30-100	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LL50	11.4	mg/l
Daphnia magna	21D NOEC	0.17	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:** No data available.

### Section 13: Disposal considerations

[cont...]

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### 13.1. Waste treatment methods

**Disposal operations:** Must not be disposed together with household garbage or into the sewage system.

**Disposal of packaging:** Uncleaned packagings: recommendation: Disposal according to official regulations.

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

## 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:** Warning: Gases. 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:** EUH066: Repeated exposure may cause skin dryness or cracking.

EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H220: Extremely flammable gas.

H222: Extremely flammable aerosol.

[cont...]

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H224: Extremely flammable liquid and vapour.

H225: Highly flammable liquid and vapour.

H229: Pressurised container: May burst if heated

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H336: May cause drowsiness or dizziness.

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>.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

**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.

