

**SAFETY DATA SHEET**  
MULTI SPRAY

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Compilation date: 06-10-2014

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Revision No: 2

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

**1.1. Product identifier**

**Product name:** MULTI SPRAY

**Product code:** 1160

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

**Use of substance / mixture:** PC24: Lubricants, greases, release 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 CHIP:** F+: R12; -: R66; -: R67

**Classification under CLP:** Flam. Aerosol 2: H223; Flam. Aerosol 1: H222; -: H229; Asp. Tox. 1: H304; STOT SE 3: H336; -: EUH066

**Most important adverse effects:** Extremely flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

**2.2. Label elements**

**Label elements under CLP:**

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

H229: Pressurised container: May burst if heated

H304: May be fatal if swallowed and enters airways.

H336: May cause drowsiness or dizziness.

EUH066: Repeated exposure may cause skin dryness or cracking.

**Signal words:** Danger

**Hazard pictograms:** GHS02: Flame

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GHS07: Exclamation mark

GHS08: Health hazard



**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/sparks/open flames/hot surfaces. - No smoking.  
P251: Pressurized container: Do not pierce or burn, even after use.  
P211: Do not spray on an open flame or other ignition source.  
P271: Use only outdoors or in a well-ventilated area.  
P260: Do not breathe dust/fumes/gas/mist/vapours/spray.  
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P331: Do NOT induce vomiting.  
P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.  
P403: Store in a well-ventilated place.

### Label elements under CHIP:

**Hazard symbols:** Extremely flammable.



**Risk phrases:** R12: Extremely flammable.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

**Safety phrases:** S2: Keep out of the reach of children.

S46: If swallowed, seek medical advice immediately and show this container or label.

S51: Use only in well-ventilated areas.

**Precautionary phrases:** Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.  
Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

### 2.3. Other hazards

**Other hazards:** In use, may form flammable / explosive vapour-air mixture.

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

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## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

##### BUTANE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
203-448-7	106-97-8	F+: R12 Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	17.500%

##### PROPANE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
200-827-9	74-98-6	F+: R12 Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	17.500%

##### NONYLPHENOL POLYGLYCOL ETHER 1-7 EO

EINECS	CAS	CHIP Classification	CLP Classification	Percent
NLP: 500-024-6	9016-45-9	Xn: R21/22; Xi: R38; Xi: R41; N: R51/53	Acute Tox. 4: H302; Acute Tox. 4: H312; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Aquatic Chronic 2: H411	0.200%

#### Non-classified ingredients:

##### LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA (PETROLEUM), HYDROTREATED HEAVY

EINECS	CAS	CHIP Classification	CLP Classification	Percent
265-150-3	64742-48-9	Xn: R65; -: R10; -: R66	Asp. Tox. 1: H304; Flam. Liq. 3: H226	37.500%

##### BASEOIL - UNSPECIFIED - DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC

EINECS	CAS	CHIP Classification	CLP Classification	Percent
265-169-7	64742-65-0	-	-	17.500%

## 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. Wash immediately with plenty of soap and water.

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

**Ingestion:** Do not induce vomiting. Call a doctor immediately. Onmiddellijk een dokter waarschuwen. Appelez un docteur immédiatement. Rufen Sie sofort einen Arzt an.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

### 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 irritation and redness. The eyes may water profusely.

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

[cont...]

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**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:** Not applicable.

## 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. 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

**Exposure hazards:** In combustion emits toxic fumes.

### 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

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

### 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. Do not use equipment in clean-up procedure which may produce sparks.

### 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. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden.

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

**Storage conditions:** Store in cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed. Keep away from direct sunlight. Prevent the build up of electrostatic charge in the immediate area. The floor of the storage room must be impermeable to prevent the escape of liquids.

## 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:**

**BUTANE**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1450 mg/m <sup>3</sup>	1810 mg/m <sup>3</sup>	-	-

**PROPANE**

UK	1800 mg/m <sup>3</sup>	7200 mg/m <sup>3</sup>	-	-
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### DNEL/PNEC Values

**MULTI SPRAY**

Type	Exposure	Value	Population	Effect
-	CAS 64742-48-9	-	-	-
DNEL	Oral	300 mg/kg bw/day	Consumers	Systemic
DNEL	Dermal	300 mg/kg bw/day	Consumers	Systemic
-	-	300 mg/kg bw/day	Workers	-
DNEL	Inhalation	900 mg/m <sup>3</sup>	Consumers	Systemic
-	-	1500 mg/m <sup>3</sup>	Workers	-

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition. The floor of the storage room must be impermeable to prevent the escape of liquids.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter. Filter AX/P2

**Hand protection:** Nitrile gloves. Het handschoenmateriaal moet ondoorlatend en bestand zijn tegen het product/de stof/de bereiding. Op grond van falende testen kan geen aanbeveling voor handschoenmateriaal voor het product/de bereiding/het chemicaliën-mengsel afgegeven worden. Kies handschoenmateriaal rekening houdend met de

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penetratietijden, de permeatiegraden en de degradatie. Aangezien het product uit meerdere stoffen is samengesteld, is de duurzaamheid van de handschoenmaterialen niet vooraf berekenbaar en moet derhalve vóór het gebruik worden getest. De precieze penetratietijd kunt u te weten komen bij de handschoenfabrikant; houd er rekening mee.

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

**Skin protection:** Protective clothing.

### 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

**Evaporation rate:** Not applicable.

**Solubility in water:** Not / slightly miscible.

**Viscosity:** No data available.

**Boiling point/range°C:** -44

**Melting point/range°C:** No data available.

**Flammability limits %: lower:** 0,6

**upper:** 10,9

**Flash point°C:** -97

**Part.coeff. n-octanol/water:** No data available.

**Autoflammability°C:** No autoignition

**Vapour pressure:** 8300 hPa

**Relative density:** No data available.

**pH:** No data available.

**VOC g/l:** 546,5 g/l - VOC-CH 75.46%

#### 9.2. Other information

**Other information:** Ignition temperature 270°C. Density: 0,724 g/cm<sup>3</sup> (20°C). Solvent content: organic solvent: 75.5%. Solids level: 5.2%.

### 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. Stable at room temperature.

#### 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. Hot surfaces. Sources of ignition. Flames.

#### 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:** No data available.

### Symptoms / routes of exposure

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

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

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

**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 64742-48-9	-	-	-
Daphnia magna	48H EL0	-	mg/l
Pseudokirchneriella supcapitata	72H EL50	-	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LL50	-	mg/l
Pseudokirchneriella supcapitata	72H NOELR	-	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:** Waterbezwaarlijkheid (NL) 11: Weinig schadelijk voor water levende organismen.  
Gevaar voor water klasse 1 (D) (Zelfclassificatie): gevaar voor water klein.

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## 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. Mag niet tezamen met huisvuil gestort worden of in de riolering terecht komen. Darf nicht zusammen mit Hausmüll entsorgt werden oder in die Kanalisation gelangen. Ne doit pas être évacué avec les ordures ménagères à pénétrer dans les canalisations.

**Disposal of packaging:** Uncleaned packagings: recommendation: Disposal according to official regulations. Niet gereinigde verpakkingen: aanbeveling: Afvalverwijdering volgens overheidsbepalingen. Schmutzige Behälter: empfehlung: Entsorgung gemäß den behördlichen Vorschriften. Les emballages souillés: recommandation: évacuation conformément aux prescriptions légales.

**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:** Yes

**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

### 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.

[cont...]



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## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* 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.

H220: Extremely flammable gas.

H222: Extremely flammable aerosol.

H226: Flammable liquid and vapour.

H229: Pressurised container: May burst if heated

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

R10: Flammable.

R12: Extremely flammable.

R21/22: Harmful in contact with skin and if swallowed.

R38: Irritating to skin.

R41: Risk of serious damage to eyes.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

**Legend to abbreviations:** PNEC = predicted no effect level

DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

EC50 = median effective concentration

IC50 = median inhibitory concentration

dw = dry weight

bw = body weight

cc = closed cup

oc = open cup

MUS = mouse

GPG = guinea pig

[cont...]

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RBT = rabbit

HAM = hamster

HMN = human

MAM = mammal

PGN = pigeon

IVN = intravenous

SCU = subcutaneous

SKN = skin

DRM = dermal

OCC = ocular/corneal

PCP = physico-chemical properties

**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.