

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

#### 1.1. Product identifier

Product form : Mixture  
Product name. : MULTI SPRAY  
Product code : 6126  
Product group : Blend

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

##### 1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use, Consumer use  
Industrial/Professional use spec. : Non-dispersive use  
Used in closed systems  
Function or use category : Lubricants and additives

##### 1.2.2. Uses advised against

No additional information available

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

BO Motor oil  
Rootven 10  
5531 MB Bladel Holland  
T +31(0) 497-384847  
[info@bomotoroil.com](mailto:info@bomotoroil.com)

#### 1.4. Emergency telephone number

Emergency number : 0031 (0) 30 2748 888

### SECTION 2: Hazards identification

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

##### Classification according to Directive 67/548/EEC or 1999/45/EC

F+; R12

Full text of R-phrases: see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labeling according to Directive 67/548/EEC or 1999/45/EC

Hazard symbols :



F+ - Extremely flammable

R-phrases : R12 - Extremely flammable.  
R66 - Repeated exposure may cause skin dryness or cracking.

S-phrases : S2 - Keep out of the reach of children.  
S23 - Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).  
S24 - Avoid contact with skin.  
S46 - If swallowed, seek medical advice immediately and show this container or label.  
S51 - Use only in well-ventilated areas.

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

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according to Regulation (EC) No. 453/2010

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Butane	(CAS No.) 106-97-8 (EC no) 203-448-7 (EC index no) 601-004-00-0	25 - 50	F+; R12
Hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, <2% aromatics	(CAS No.) 64742-48-9 (EC index no) 265-150-3	2,5 - 10	Xn; R65 R66

  

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Butane	(CAS No.) 106-97-8 (EC no) 203-448-7 (EC index no) 601-004-00-0	25 - 50	Flam. Gas 1, H220 Compressed gas, H280
Hydrocarbons, C10-C13, n-alkanes, iso-alkanes, cyclic, <2% aromatics	(CAS No.) 64742-48-9 (EC index no) 265-150-3	2,5 - 10	Asp. Tox. 1, H304

Full text of R-, H- and EUH-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- First-aid measures after inhalation : Assure fresh air breathing. Seek medical advice.  
First-aid measures after skin contact : Wash skin with mild soap and water.  
First-aid measures after eye contact : In case of eye contact, immediately rinse with clean water for 10-15 minutes.  
First-aid measures after ingestion : Do not induce vomiting. Rinse mouth. Get immediate medical advice/attention.

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

- Symptoms/injuries after inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.  
Symptoms/injuries after skin contact : Not expected to present a significant skin hazard under anticipated conditions of normal use.  
Symptoms/injuries after eye contact : Not expected to present a significant eye contact hazard under anticipated conditions of normal use.  
Symptoms/injuries after ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media : Water fog. Foam. Powder. Dry chemical product.  
Unsuitable extinguishing media : Do not use a heavy water stream.

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

- Reactivity : None under normal conditions.

### 5.3. Advice for firefighters

- Precautionary measures fire : Exercise caution when fighting any chemical fire.  
Firefighting instructions : Use water spray or fog for cooling exposed containers.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

- Protective equipment : Wear suitable protective clothing and gloves.

#### 6.1.2. For emergency responders

- Protective equipment : Wear suitable protective clothing and gloves.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

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

- For containment : Impound and recover large spill by mixing it with inert granular solids.  
Methods for cleaning up : Detergent. Take up liquid spill into absorbent material sand, saw dust, kieselguhr.  
Other information : Spill area may be slippery. Use suitable disposal containers.

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according to Regulation (EC) No. 453/2010

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid all unnecessary exposure. Take precautionary measures against static discharges. Both local exhaust and general room ventilation are usually required. Prevent explosions. Container under pressure. Do not drill or burn even after use. Keep away from sources of ignition - No smoking.

Handling temperature : < 40 °C

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

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

Storage temperature : < 40 °C

Storage area : Store in dry, cool, well-ventilated area.

Special rules on packaging : Packaging destined for the general public must be fitted with a tactile danger indication.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

MULTI SPRAY		
EU	Notation	MAC (mg/m <sup>3</sup> ) : Butaan : 600

### 8.2. Exposure controls

Personal protective equipment : Safety glasses. Gloves.



Hand protection : Wear suitable gloves resistant to chemical penetration.

Eye protection : Safety glasses.

Skin and body protection : Wear suitable protective clothing.

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.

## SECTION 9: Physical and chemical properties

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

Physical state : Aerosol

Appearance : Aerosol.

Colour : Yellow-brown.

Odour : Characteristic.

Odour threshold : No data available

pH : No data available

Relative evaporation rate (butylacetate=1) : No data available

Melting point : No data available

Freezing point : No data available

Boiling point : No data available

Flash point : < -60 °C @ ASTM D92

Self ignition temperature : 236 °C

Decomposition temperature : No data available

Flammability (solid, gas) : No data available

Vapour pressure : 2100 hPa @ 20°C

Relative vapour density at 20 °C : No data available

Relative density : No data available

Density : 715 kg/m<sup>3</sup> @15°C

Solubility : Miscible.

Log Pow : No data available

Log Kow : No data available

Viscosity, kinematic : No data available

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according to Regulation (EC) No. 453/2010

Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: 1,1 - 8,5 vol %

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

None under normal conditions.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

None under normal conditions.

### 10.4. Conditions to avoid

No data available.

### 10.5. Incompatible materials

No data available.

### 10.6. Hazardous decomposition products

None under normal conditions.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

MULTI SPRAY	
LD50 oral rat	> 5000 mg/kg 64742-48-9 Naphta (Petroleum)
LD50 dermal rabbit	> 3000 mg/kg 64742-48-9 Naphta (Petroleum)

Irritation	: Not classified
Corrosivity	: Not classified
Sensitisation	: Not classified
Repeated dose toxicity	: Not classified
Carcinogenicity	: Not classified
Mutagenicity	: Not classified
Toxicity for reproduction	: Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

No additional information available

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Additional information : Dispose in a safe manner in accordance with local/national regulations.

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### SECTION 14: Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

#### 14.1. UN number

UN-No. : 1950

#### 14.2. UN proper shipping name

Proper Shipping Name : AEROSOLS  
Transport document description : UN 1950 AEROSOLS, 2.1, (D)

#### 14.3. Transport hazard class(es)

Class (UN) : 2  
Hazard labels (UN) : 2.1



#### 14.4. Packing group

Not applicable

#### 14.5. Environmental hazards

Other information : No supplementary information available.

#### 14.6. Special precautions for user

##### 14.6.1. Overland transport

Classification code (UN) : 5F  
Orange plates :



Tunnel restriction code : D  
LQ : LQ02  
Excepted quantities (ADR) : E0

##### 14.6.2. Transport by sea

Ship Safety Act : Gases under pressure/Gases flammable under pressure  
Port Regulation Law : Gases under pressure/Gases flammable under pressure  
EmS-No. (1) : F-D  
MFAG-No. : 126  
EmS-No. (2) : S-U

##### 14.6.3. Air transport

Civil Aeronautics Law : Gases under pressure/Gases flammable under pressure

#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

### SECTION 15: Regulatory information

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

##### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions  
Contains no REACH candidate substance

##### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No additional information available

### SECTION 16: Other information

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according to Regulation (EC) No. 453/2010

### Other information

: The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

### Full text of R-, H- and EUH-phrases::

Asp. Tox. 1	Aspiration hazard Category 1
Compressed gas	Gases under pressure Compressed gas
Flam. Gas 1	Flammable gases Category 1
H220	Extremely flammable gas
H280	Contains gas under pressure; may explode if heated
H304	May be fatal if swallowed and enters airways
R12	Extremely flammable.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
F+	Extremely flammable
Xn	Harmful

### SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*