

SILICONEN SPRAY

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 12/01/2004

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Supersedes: 12/01/2004

Version: 2.0

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

1.1. Product identifier

Product form : Mixture
Product name. : SILICONE SPRAY
Product code : 6124
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. : wide dispersive use
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

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
Xi; R38
N; R51/53
R67

Full text of R-phrases: see section 16

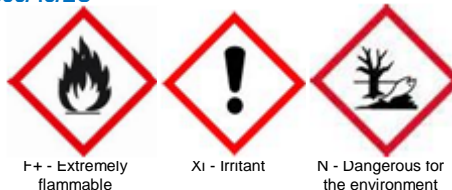
Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard symbols :



R-phrases : R12 - Extremely flammable.
R38 - Irritating to skin.
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67 - Vapours may cause drowsiness and dizziness.

S-phrases : S2 - Keep out of the reach of children.
S3 - Keep in a cool place.
S23 - Do not breathe spray
S46 - If swallowed, seek medical advice immediately and show this container or label.
S51 - Use only in well-ventilated areas.
S61 - Avoid release to the environment. Refer to special instructions/safety data sheets.

Extra 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.
No smoking.

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2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Butane (< 0,01% 1,3 Butadien)	(CAS No.) 106-97-8 (EC no) 203-448-7 (EC index no) 601-004-00-0	25 - 50	F+; R12
Koolwaterstoffen, C7, n-alkanen, isoalkanen, cyclische	(EC no) 927-510-4 (EC index no) 01-2119475515-33	25 - 50	F; R11 Xn; R65 Xi; R38 N; R51/53 R67
	(EC no) 931-254-9 (EC index no) 01-2119484651-34	10 - 25	F; R11 Xn; R65 Xi; R38 N; R51/53 R67
Propane	(CAS No.) 74-98-6 (EC no) 200-827-9 (EC index no) 601-003-00-5	2,5 - 10	F+; R12

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Butane (< 0,01% 1,3 Butadien)	(CAS No.) 106-97-8 (EC no) 203-448-7 (EC index no) 601-004-00-0	25 - 50	Not classified
Koolwaterstoffen, C7, n-alkanen, isoalkanen, cyclische	(EC no) 927-510-4 (EC index no) 01-2119475515-33	25 - 50	Not classified
	(EC no) 931-254-9 (EC index no) 01-2119484651-34	10 - 25	Not classified
Propane	(CAS No.) 74-98-6 (EC no) 200-827-9 (EC index no) 601-003-00-5	2,5 - 10	Not classified

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 general : If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Assure fresh air breathing. Seek medical advice.
- First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- First-aid measures after eye contact : In case of eye contact, immediately rinse with clean water for 10-15 minutes. Seek medical attention if ill effect or irritation develops.
- 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 : Redness, pain.
- Symptoms/injuries after eye contact : Redness.
- Symptoms/injuries after ingestion : Ingestion may cause nausea, vomiting and diarrhea. Headache. Drowsiness. Cramps.

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 : Carbon dioxide. Powder. Alcohol resistant foam. Water fog.
- Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Flammable aerosol.

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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

General measures : Eliminate every possible source of ignition. Clear all other personnel from the area.

6.1.1. For non-emergency personnel

Protective equipment : Wear suitable protective clothing and gloves.
Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Wear suitable protective clothing and gloves.
Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

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.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Pressurized container: Do not pierce or burn, even after use.
Precautions for safe handling : Both local exhaust and general room ventilation are usually required.
Handling temperature : < 40 °C
Hygiene measures : Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep cool. Keep container tightly closed. Store in a dry place.
Storage temperature : < 40 °C
Storage area : Store in dry, cool, well-ventilated area.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

: 5 mg/m³ for oil mists (TWA, 8h-workday) recommended, based upon the ACGIH TLV (Analysis according to US NIOSH Method 5026, NIOSH Manual of Analytical Methods, 3rd Edition).

8.2. Exposure controls

Personal protective equipment : High gas/vapour concentration: gas mask with filter type A. Safety glasses. Gloves.



Hand protection : Wear suitable gloves resistant to chemical penetration.
Eye protection : Protective goggles.
Skin and body protection : Wear suitable protective clothing.
Respiratory protection : In case of inadequate ventilation wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Aerosol.

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Colour	: No data available
Odour	: Characteristic.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: 8
Melting point	: 0 °C
Freezing point	: No data available
Boiling point	: 60 - 260 °C
Flash point	: < -20 °C
Self ignition temperature	: 365 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: 853000 Pa @ 20°C
Relative vapour density at 20 °C	: 0,798 @ 20°C
Relative density	: No data available
Solubility	: Complete.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: 1 mm ² /s @ 20°C
Viscosity, dynamic	: 1 mPa.s
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: 1,1 - 9,5 vol %

9.2. Other information

VOC content : 93,7 %

SECTION 10: Stability and reactivity

10.1. Reactivity

None under normal conditions.

10.2. Chemical stability

None known.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

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LD50 oral rat	> 5000 mg/kg
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Irritation : Irritating to skin.

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

Ecology - general : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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12.2. Persistence and degradability

SILICONE CLEAN

Persistence and degradability : Not soluble in water, so only minimally biodegradable.

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.

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

Dangerous for the environment :



Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

Classification code (UN) : 5F
Special provision (ADR) : 190, 327, 344, 625
Tunnel restriction code : D
Limited quantities (ADR) : 1L
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, S-U
MFAG-No. : 126

14.6.3. Air transport

Instruction "cargo" (ICAO) : 203

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Instruction "passenger" (ICAO) : 203
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

VOC content : 93,7 %

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

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::

R11	Highly flammable.
R12	Extremely flammable.
R38	Irritating to skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R67	Vapours may cause drowsiness and dizziness.
F	Highly flammable
F+	Extremely flammable
N	Dangerous for the environment
Xi	Irritant
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.