



Silicone Lubricant (Aerosol)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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Blend Version: 1

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

1.1. Product identifier

Product form : Mixtures
Product name : Silicone Lubricant (Aerosol)
Product code : W52579

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Maintenance product
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

Wynn's Belgium
Industriepark-West 46
9100 Sint-Niklaas - Belgium
T +32 3 766 60 20 - F +32 3 778 16 56
msds@wynns.eu - www.wynns.com

1.4. Emergency telephone number

Emergency number : BIG: +32(0)14/58.45.45 (NL FR EN DE)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aerosol 1	H222;H229
Skin Irrit. 2	H315
STOT SE 3	H336
Aquatic Chronic 2	H411

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



Signal word (CLP) :

Danger

Hazard statements (CLP) :

H222 - Extremely flammable aerosol
H229 - Pressurised container: May burst if heated
H315 - Causes skin irritation
H336 - May cause drowsiness or dizziness
H411 - Toxic to aquatic life with long lasting effects

Precautionary statements (CLP) :

P261 - Avoid breathing vapours, spray
P280 - Wear protective gloves
P271 - Use only outdoors or in a well-ventilated area
P102 - Keep out of reach of children
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P211 - Do not spray on an open flame or other ignition source
P251 - Do not pierce or burn, even after use
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

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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. Mixtures

Name	Product identifier	% w	Classification according to Regulation (EC) No. 1272/2008 [CLP]
hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	(EC-No.) 927-510-4 (REACH-no) 01-2119475515-33	25 - 50	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
hydrocarbons, C6, isoalkanes, <5% n-hexane	(EC-No.) 931-254-9 (REACH-no) 01-2119484651-34	25 - 50	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Butane n-	(CAS-No.) 106-97-8 (EC-No.) 203-448-7 (EC Index-No.) 601-004-00-0 (REACH-no) 01-2119474691-32	10 - 25	Flam. Gas 1, H220
Propane	(CAS-No.) 74-98-6 (EC-No.) 200-827-9 (EC Index-No.) 601-003-00-5 (REACH-no) 01-2119486944-21	5 - 10	Flam. Gas 1, H220

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Check the vital functions. Keep victim at rest in half upright position. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Keep watching the victim. Give psychological aid. Prevent cooling by covering the victim (no warming up). Keep the victim calm, avoid physical strain. If necessary seek medical advice.
First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
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. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell. As it is a spray can packaging it is most unlikely that large quantities will be swallowed.

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

Symptoms/effects	: May cause drowsiness or dizziness.
Symptoms/effects after inhalation	: Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination. May cause respiratory irritation.
Symptoms/effects after skin contact	: Tingling/irritation of the skin. Red skin. Dry skin.
Symptoms/effects after eye contact	: May cause slight irritation.

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 spray. AFFF foam. ABC-powder.
Unsuitable extinguishing media	: Do not use a heavy water stream.

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5.2. Special hazards arising from the substance or mixture

- Fire hazard : Extremely flammable aerosol. Heating may cause a fire or explosion.
- Explosion hazard : No direct explosion hazard. Contains gas under pressure; may explode if heated. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.

5.3. Advice for firefighters

- Firefighting instructions : Cool closed containers exposed to fire with water spray. Fight fire remotely due to the risk of explosion.
- 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 : Spill area may be slippery.

6.1.1. For non-emergency personnel

- Protective equipment : Wear suitable gloves and eye/face protection. protective clothing. Wear suitable respiratory equipment in case of insufficient ventilation.
- Emergency procedures : Mark the danger area. Stop engines and no smoking. Keep upwind. Prevent flow to low areas. No flames, no sparks. Eliminate all sources of ignition. Wash contaminated clothes.

6.1.2. For emergency responders

- Emergency procedures : Ventilate area.

6.2. Environmental precautions

Toxic to aquatic life with long lasting effects. Do not allow product to spread into the environment.

6.3. Methods and material for containment and cleaning up

- For containment : Contain the spilled material by bunding. Collect spillage.
- Methods for cleaning up : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Clean preferably with a detergent - Avoid the use of solvents.
- Other information : Dispose of materials or solid residues at an authorized site. Caution : this product can cause the floor to be very slippery.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

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. Not expected to present a significant hazard under anticipated conditions of normal use.
- Precautions for safe handling : Meet the legal requirements. Avoid contact with skin and eyes. Take precautionary measures against static discharge. Provide good ventilation in process area to prevent formation of vapour. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Hygiene measures : Use good personal hygiene practices. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep in fireproof place. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
- Storage temperature : ≤ 45 °C
- Heat and ignition sources : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Information on mixed storage : Store separately.
- Storage area : Meet the legal requirements. Fireproof storeroom. Ventilation along the floor.
- Special rules on packaging : Meet the legal requirements. Labelling according to.
- Packaging materials : Aerosol.

7.3. Specific end use(s)

See product bulletin for detailed information.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Butane n- (106-97-8)

Belgium Limit value (ppm) 1000 ppm

Propane (74-98-6)

Belgium Limit value (ppm) 1000 ppm

hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

DNEL/DMEL (Workers)

Long-term - systemic effects, dermal 300 mg/kg bodyweight/day

Long-term - systemic effects, inhalation 2085 mg/m³

DNEL/DMEL (General population)

Long-term - systemic effects, oral 149 mg/kg bodyweight/day

Long-term - systemic effects, inhalation 447 mg/m³

Long-term - systemic effects, dermal 149 mg/kg bodyweight/day

hydrocarbons, C6, isoalkanes, <5% n-hexane

DNEL/DMEL (Workers)

Long-term - systemic effects, dermal 13964 mg/kg bodyweight/day

Long-term - systemic effects, inhalation 5306 mg/m³

DNEL/DMEL (General population)

Long-term - systemic effects, oral 1301 mg/kg bodyweight/day

Long-term - systemic effects, inhalation 1131 mg/m³

Long-term - systemic effects, dermal 1377 mg/kg bodyweight/day

8.2. Exposure controls

Appropriate engineering controls

: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Vapours are heavier than air and may spread along floors. Provide local exhaust or general room ventilation. Does not require any specific or particular technical measures.

Personal protective equipment

: Gloves. Safety glasses.



Hand protection

: Neoprene. Nitrile rubber. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Time of penetration is to be checked with the glove producer.

Other information

: Breakthrough time : >30'. Thickness of the glove material >0.1 mm.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Appearance : Aerosol.

Colour : No data available

Odour : characteristic.

Odour threshold : No data available

pH :

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

refraction index :

Melting point : < -20 °C

Freezing point : No data available

Boiling point : 60 - 95 °C

Flash point : < -18 °C

Auto-ignition temperature : 365 °C

Decomposition temperature : No data available

Flammability (solid, gas) : No data available

Vapour pressure : 190 hPa

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Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density @20°C	: 729 kg/m ³
Solubility	: Partially soluble.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic @40°C	: No data available
Viscosity, dynamic @40°C	: No data available
Viscosity	:
Viscosity Index	:
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

VOC content	: 94 %
Additional information	: Physical and chemical properties of the active product without gas. The physical and chemical data in this section are typical values for this product and are not intended as product specifications.

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Extremely flammable aerosol. Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from strong acids and strong oxidizers.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. On burning: release of harmful/irritant gases/vapours. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

LD50 oral rat	> 5840 mg/kg bodyweight Charles River CD
LD50 dermal rat	> 2800 (≤ 3100) mg/kg bodyweight Charles River CD
LC50 inhalation rat (mg/l)	> 23,3 mg/l/4h Wistar
ATE CLP (dermal)	3100,000 mg/kg bodyweight

hydrocarbons, C6, isoalkanes, <5% n-hexane

LD50 oral rat	16750 mg/kg bodyweight Long-Evans
LD50 dermal rabbit	3350 mg/kg bodyweight New Zealand White
LC50 inhalation rat (mg/l)	259,354 mg/l/4h Long-Evans
ATE CLP (oral)	16750,000 mg/kg bodyweight
ATE CLP (dermal)	3350,000 mg/kg bodyweight
ATE CLP (vapours)	259,354 mg/l/4h
ATE CLP (dust,mist)	259,354 mg/l/4h
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified

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Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: This product contains hazardous components for the aquatic environment.
Ecology - water	: Toxic to aquatic life with long lasting effects.

hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

LC50 fish 1	> 13,4 mg/l @96h Oncorhynchus mykiss
EC50 Daphnia 1	48h 3 mg/l Daphnia magna
EC50 other aquatic organisms 1	72h 10 - 30 mg/l Pseudokirchnerella subcapitata

hydrocarbons, C6, isoalkanes, <5% n-hexane

LC50 fish 1	96h 12,51 mg/l Oncorhynchus mykiss
EC50 Daphnia 1	48h 23,22 mg/l Daphnia magna
EC50 other aquatic organisms 1	72h 13,56 mg/l Pseudokirchneriella subcapitata

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

Product/Packaging disposal recommendations	: Container under pressure. Do not drill or burn even after use. Remove to an authorized waste treatment plant.
European List of Waste (LoW) code	: 16 05 04* - gases in pressure containers (including halons) containing dangerous substances 15 01 10* - packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR) : 1950

14.2. UN proper shipping name

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

14.3. Transport hazard class(es)

Class (ADR) : 2
Subsidiary risk (IMDG) : 2.1
Subsidiary risk (IATA) : 2.1

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Danger labels (ADR) : 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 (ADR) : 5F
Special provisions (ADR) : 190, 327, 344, 625
Transport category (ADR) : 2
Tunnel restriction code (ADR) : D
Limited quantities (ADR) : 1I

14.6.2. Transport by sea

EmS-No. (1) : F-D, S-U

14.6.3. Air transport

Instruction "cargo" (ICAO) : 203
Instruction "passenger" (ICAO) : 203/Y203

14.7. Transport in bulk according to Annex II of MARPOL 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

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances
VOC content : 94 %

15.1.2. National regulations

Water hazard class (WGK) : 2 - hazard to waters

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:

Aerosol 1
Aquatic Chronic 2

Asp. Tox. 1
Flam. Gas 1
Flam. Liq. 2

Aerosol, Category 1
Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aspiration hazard, Category 1
Flammable gases, Category 1
Flammable liquids, Category 2

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Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H220	Extremely flammable gas
H222	Extremely flammable aerosol
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
H411	Toxic to aquatic life with long lasting effects

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