



SAFETY DATA SHEET

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Revised edition no : 3

Date : 14 / 6 / 2012

Supersedes : 5 / 1 / 2012

Foodmax Silicone spray

FM SILICONE SPRAY

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

1.1. Product identifier

Identification of the product : Aerosols dispensers.
Trade name : Foodmax Silicone spray
Format : Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

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

Use : Industrial.

1.3. Details of the supplier of the safety data sheet

Company identification : Matrix Specialty Lubricants B.V.
Delweg 8
6902 PJ Zevenaar NETHERLANDS
Tel: +31 (0)316 740850
Fax: +31 (0)316 740854
info@lubes-portal.com

1.4. Emergency telephone number

Emergency phone nr : +31 (0)316 740850

SECTION 2 Hazards identification

2.1. Hazard classification

Classification EC 67/548 or EC 1999/45

: F+; R12
Xn; R65
R66
R67
N; R51-53

Hazard Class and Category Code Regulation EC 1272/2008 (CLP)

- **Health hazards** : Specific Target Organ Toxicity - Single exposure - Narcotic effects - Category 3 - Warning - (CLP : STOT SE 3) - H336
Aspiration hazard - Category 1 - Danger - (CLP : Asp. Tox. 1) - H304
- **Physical hazards** : Flammable liquids - Category 1 - Danger - (CLP : Flam. Liq. 1) - H224
- **Environmental hazards** : Hazardous to the aquatic environment - Chronic hazard - Category 2 - (CLP : Aquatic Chronic 2) - H411

2.2. Label elements

Labelling EC 67/548 or EC 1999/45

• Symbol(s)



: Xn : Harmful
F+ : Extremely flammable
N : Dangerous for the environment

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SECTION 2 Hazards identification (continued)

- **R Phrase(s)** : R12 : Extremely flammable.
 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.
- **S Phrase(s)** : S3 : Keep in a cool place.
 S9 : Keep container in a well-ventilated place.
 S16 : Keep away from sources of ignition - No smoking.
 S23 : Do not breathe the gas, fumes, vapours, spray.
 S24 : Avoid contact with skin.
 S33 : Take precautionary measures against static discharges.
 S35 : This material and its container must be disposed of in a safe way.
 S37 : Wear suitable gloves.
 S43 : In case of fire, use ££V1££.
 S51 : Use only in well-ventilated areas.
 S57 : Use appropriate container to avoid environmental contamination.
 S59 : Refer to manufacturer/supplier for information on recovery/recycling.
 S60 : This material and its container must be disposed of as hazardous waste.
 S61 : Avoid release to the environment. Refer to special instructions/Safety data sheets.
 S62 : If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.

Labelling Regulation EC 1272/2008 (CLP)

- **Hazard pictograms**



- **Hazard pictograms code**

: SGH02 - SGH08 - SGH07 - SGH09

- **Signal words**

: Danger

- **Hazard statements**

 : H224 - Extremely flammable liquid and vapour.
 H304 - May be fatal if swallowed and enters airways.
 H336 - May cause drowsiness or dizziness.

- **Supplemental hazard information**

: EUH066 - Repeated exposure may cause skin dryness or cracking.

- **Pictograms (Precautionary statements)**



- **Precautionary statements**

- **Prevention**

 : P280 - Wear protective gloves, protective clothing, eye protection, face protection.
 P210 - Keep away from heat, sparks, open flames or hot surfaces. – No smoking.
 P233 - Keep container tightly closed.
 P240 - Ground/bond container and receiving equipment.
 P261 - Avoid breathing dust, fume, gas, mist, vapours, spray.
 P271 - Use only outdoors or in a well-ventilated area.
 P273 - Avoid release to the environment.

- **Response**

: P378 - Use for extinction : All extinguishing media can be used.

 P303+P361+P353 - IF ON SKIN (or hair) : Remove immediately all contaminated clothing. Rinse skin with water/shower.
 P391 - Collect spillage.



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SECTION 2 Hazards identification (continued)

- **Storage** : P233 - Keep container tightly closed.
P235 - Keep cool.
P405 - Store locked up.
- **Disposal considerations** : P501 - Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

None under normal conditions.

SECTION 3 Composition/information on ingredients

- Substance / Preparation** : Preparation.
- Components** : This product is hazardous.

Substance name	Contents	CAS No	EC No	Annex No	REACH	Classification
n-Pentane	> 25 < 50 %	109-66-0	203-692-4	601-006-00-1	-----	F+; R12 Xn; R65 R66 R67 N; R51-53
Propane	> 20 < 25 %	74-98-6	200-827-9	601-003-00-5	-----	F+; R12
Butane n-	> 12.5 < 20 %	106-97-8	203-448-7	601-004-00-0	-----	F+; R12
Isobutane	> 12.5 < 20 %	75-28-5	200-857-2	601-004-00-0	-----	F+; R12

SECTION 4 First aid measures

4.1. Description of first aid measures

First aid measures

- **Inhalation** : Assure fresh air breathing.
- **Skin contact** : Wash skin with mild soap and water.
- **Eye contact** : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking, tears or redness persist.
- **Ingestion** : Rinse mouth.

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

None known.

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

After adequate first aid, no further treatment is required unless symptoms reappear.

SECTION 5 Fire-fighting measures

5.1. Extinguishing media

Alcohol foam.

Extinguishing media : Water spray. Dry powder. Carbon dioxide. Foam.

5.2. Special hazards arising from the substance or mixture

Specific hazards : Vapour mixes readily with air, forming explosive mixtures.



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SECTION 5 Fire-fighting measures (continued)

5.3. Advice for fire-fighters

- Flammable class** : Extremely flammable.
- Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.
- Prevention** : No naked lights. No smoking.
- Special procedures** : Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.
- Surrounding fires** : Apply water spray or fog to cool nearby equipment.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- Personal precautions** : Equip cleanup crew with proper protection.

6.2. Environmental precautions

- Environmental precautions** : Notify authorities if product enters sewers or public waters. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

- Clean up methods** : Remove ignition sources. Clean up any spills as soon as possible, using an absorbent material to collect it. Waste mixtures containing propane/butane may not enter into drains or sewers where vapours could accumulate and ignite.

6.4. Reference to other sections

- See Headings 7 and 8.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

- General** : Do not breathe gas, fumes, vapour or spray.
- Handling** : Ensure prompt removal from eyes. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.
- Precautions in handling and storage** : Keep away from sources of ignition - No smoking.

7.2. Conditions for safe storage, including any incompatibilities

- Storage** : Store in dry, cool, well-ventilated area. Keep container closed when not in use.
- Storage - away from** : Direct sunlight. Heat sources. Sparks. Open flame.

7.3. Specific end use(s)

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

- Personal protection**
- **Respiratory protection** : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
 - **Skin protection** : Gloves.



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SECTION 8 Exposure controls/personal protection (continued)

- Eye protection : Goggles.
Industrial hygiene : Provide adequate ventilation to minimize dust and/or vapour concentrations.

8.2. Occupational Exposure Limits

Not established.

SECTION 9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

• Appearance

- Appearance : Not established.
Physical state at 20 °C : Aerosol.
Colour : Colourless.

• Odour

- Odour : Characteristic.

• Initial boiling point - boiling range

- Boiling point [°C] : Not applicable.

• Flash point

- Flash point [°C] : < 0
Explosion limits - lower [%] : 1.4
Explosion limits - upper [%] : 10.9

• Vapour pressure

- Vapour pressure [30°C] : 3500 hPa

• Relative density

- Density @ 20°C g/ml : 0.609

• Solubility

- Solubility in water : Not miscible.

• Auto-ignition temperature

- Auto-ignition temperature [°C] : 285

SECTION 10 Stability and reactivity

10.1. Reactivity

- Stability and reactivity : Not established.

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

- Hazardous reactions : None under normal conditions.
Hazardous properties :
May form flammable/explosive vapour-air mixture.

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SECTION 10 Stability and reactivity (continued)

10.4. Conditions to avoid

Conditions to avoid : Heat. Direct sunlight. Open flame. Sparks.

10.5. Incompatible materials

Materials to avoid : Not established.

10.6. Hazardous decomposition products

Hazardous decomposition products : None under normal conditions.
Not established.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Toxicity information

Rat oral LD50 [mg/kg] : Not established.

- Other : The product is NSF and/or InS H1 classified and has proven to reach the highest standards of non-toxicity.
Repeated or prolonged skin contact may cause dermatitis and defatting.

SECTION 12 Ecological information

12.1. Toxicity

LC50-96 Hour - fish [mg/l] : No data available.
Not established.

12.2. Persistence - degradability

Persistence - degradability : Not established.

12.3. Bioaccumulative potential

Bioaccumulative potential : Not established.

12.4. Mobility in soil

Not established.

12.5. Results of PBT and vPvB assessment

Not established.

12.6. Other adverse effects

Not established.

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

SECTION 13 Disposal considerations

13.1. Waste treatment methods

General : Avoid release to the environment.
Dispose of this material and its container at hazardous or special waste collection point.



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SECTION 13 Disposal considerations (continued)

Container under pressure. Do not drill or burn even after use.
When totally empty, containers are recyclable like any other packing.
When not empty dispose of this container at hazardous or special waste collection point.
Dispose in a safe manner in accordance with local/national regulations.

SECTION 14 Transport information

14.1. UN Number

General information : Not classified.
UN No. : 1950

14.2. Proper shipping name

Shipping name : (product name)

14.3. Transport Hazard Classification

Not established.

Land transport

- ADR Class : 2

Sea transport

- IMO-IMDG code : Class 2

Air transport

- ICAO/IATA : Packaging instructions cargo :
Packaging instructions passenger:

- IATA - Class or division : 2

14.4. Packing group

14.5. Environmental hazards

In case of spillage and/or leakage : Clean up even minor leaks or spills if possible without unnecessary risk.
Not established.

14.6. Special precautions for user

Personal precautions :
The driver shall not attempt to deal with any fire of the load.

Emergency action in case of accident : Stop the engine. Mark roads and warns other road users. Keep public away from danger area. No naked lights. No smoking. NOTIFY POLICE AND FIRE BRIGADE IMMEDIATELY.

Additional information : None.
None

SECTION 15 Regulatory information

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

Ensure all national/local regulations are observed.

EUROPEAN COMMUNITIES



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SECTION 15 Regulatory information (continued)

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006.

Directive 2006/121/EC of the European Parliament and of the Council of 18 December 2006.

EC Classification : F+; R12
Xn; R65
R66
R67
N; R51-53

EC Labelling

15.2. Chemical Safety Assessment

Not established.

SECTION 16 Other information

Text of R-Phrases in § 3 : R12 : Extremely flammable.
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.

List of relevant R phrases (heading 3) : R12 : Extremely flammable.
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.

Further information : None
None.

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