



SAFETY DATA SHEET

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Revised edition no : 7

Date : 17 / 2 / 2015

Supersedes : 20 / 5 / 2014

Foodmax Clean (Spray)**FOODMAX CLEAN (SPR)**

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 Clean (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. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Classification : R10
Xi; R38
R43
N; R50-53

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

- **Health hazards** : Skin irritation - Category 2 - Warning - (CLP : Skin Irrit. 2) - H315
Skin sensitisation - Category 1 - Warning - (CLP : Skin Sens. 1) - H317
- **Physical hazards** : Flammable liquids - Category 3 - Warning - (CLP : Flam. Liq. 3) - H226
- **Environmental hazards** : Hazardous to the aquatic environment - Acute hazard - Category 1 - Warning - (CLP : Aquatic Acute 1) - H400
Hazardous to the aquatic environment - Chronic hazard - Category 1 - Warning - (CLP : Aquatic Chronic 1) - H410

2.2. Label elements

Labelling EC 67/548 or EC 1999/45

Symbol(s)



: Xi : Irritant
N : Dangerous for the environment

R Phrase(s)

: R10 : Flammable.
R38 : Irritating to skin.
R43 : May cause sensitization by skin contact.

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SECTION 2 Hazards identification (continued)

S Phrase(s)

R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S3 : Keep in a cool place.

S16 : Keep away from sources of ignition - No smoking.

S23 : Do not breathe the gas, fumes, vapours, spray.

S24 : Avoid contact with skin.

S35 : This material and its container must be disposed of in a safe way.

S36/37 : Wear suitable protective clothing and 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.

Labelling Regulation EC 1272/2008 (CLP)

• Hazard pictograms



• Hazard pictograms

: SGH02 - SGH07 - GHS09

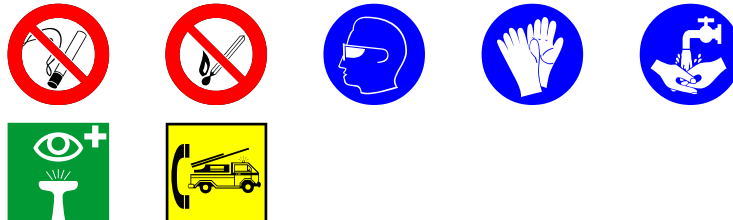
• Signal words

: Warning

• Hazard statements

: H226 - Flammable liquid and vapour
 H315 - Causes skin irritation
 H317 - May cause an allergic skin reaction
 H410 - Very toxic to aquatic life with long lasting effects

• Pictograms (Precautionary statements)



• Precautionary statements

General

: P103 - Read label before use
 P102 - Keep out of reach of children.

Prevention

: P240 - Ground/bond container and receiving equipment
 P273 - Avoid release to the environment
 P233 - Keep container tightly closed
 P272 - Contaminated work clothing should not be allowed out of the workplace

Response

: P332+313 - If skin irritation occurs: Get medical advice/attention
 P391 - Collect spillage
 P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 P333+313 - If skin irritation or rash occurs: Get medical advice/attention
 P363 - Wash contaminated clothing before reuse
 P362 - Take off contaminated clothing and wash before reuse

Storage

: P403+235 - Store in a cool and well-ventilated place.



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SECTION 2 Hazards identification (continued)

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

Other hazards : None under normal conditions.

SECTION 3 Composition/information on ingredients

3.1./3.2. Substance / Preparation

Components : This product is hazardous.

Substance name	Contents	CAS No	EC No	Annex No	REACH	Classification
Propane	: > 10 < 12.5 %	74-98-6	200-827-9	601-003-00-5	-----	F+; R12
Butane n-	: > 5 < 10 %	106-97-8	203-448-7	601-004-00-0	-----	F+; R12
Isobutane	: > 5 < 10 %	75-28-5	200-857-2	601-004-00-0	-----	F+; R12
Limonene (D-)	: > 50 < 75 %	5989-27-5	227-813-5	601-029-00-7	-----	R10 Xi; R38 R43 N; R50-53

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 Firefighting measures

5.1. Extinguishing media

Special hazards arising from the substance or mixture : 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.

5.3. Advice for firefighters

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SECTION 5 Firefighting measures (continued)

- 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)

Refer to manufacturer's information.

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. Exposure controls

Not established.

SECTION 9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

9.1.a. Appearance

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

9.1.b. Odour

Odour : Citrus fruits.
Odour threshold : Not established.

9.1.d. pH

9.1.e. Melting point / Freezing point

Freezing point [°C] : Not established.

9.1.f. Initial boiling point - boiling range

Boiling point [°C] : Not applicable.

9.1.g. Flash point

Flash point [°C]

9.1.h. Evaporation rate

Evaporation rate (ether=1) : Not established.

9.1.j. Explosion limits (lower - upper)

Explosion limits - lower [%] : 0.7
Explosion limits - upper [%] : 10.9

9.1.k. Vapour pressure

Vapour pressure [30°C] : 30000 hPa
Vapour pressure mm/Hg : Not established.

9.1.l. Vapour density

Relative vapour density (air=1) : Not established.

9.1.m. Relative density

Density @ 20°C g/ml : 0.737

9.1.n. Solubility

Solubility in water : Not established.

9.1.p. Auto-ignition temperature



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SECTION 9 Physical and chemical properties (continued)

Auto-ignition temperature [°C] : 255

9.1.g. Thermal decomposition
Thermal decomposition [°C] : Not established.

9.1.s. Explosive Properties

9.1.t. Oxidising properties

9.2. Other information
Molecular weight : Not established.

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.

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.

SECTION 11 Toxicological information

11.1. Information on toxicological effects
Toxicity information : Irritating to skin.
Irritating to respiratory system.
May cause sensitization by skin contact.

- Other : The product is NSF and/or InS H1 classified and has proven to reach the highest standards of non-toxicity.

Rat oral LD50 [mg/kg] : 5600

Rabbit-rat dermal [mg/kg/24 hours] : > 5000

Rat inhalation [mg/l] (6 hours / 24 hours) : 658000



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SECTION 12 Ecological information

12.1. Toxicity

48 Hour-EC50 - Daphnia magna [mg/l] : 9,7

LC50-96 Hour - fish [mg/l]

12.2. Persistence and 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.
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.
Dispose of this material and its container at hazardous or special waste collection point.

SECTION 14 Transport information

14.1. UN number

General information

UN No. : 1950

14.2. UN proper shipping name

Shipping name : (product name)

14.3. Transport hazard class(es)

Not established.

Land transport

- ADR Class : 2

Sea transport



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Foodmax Clean (Spray)**FOODMAX CLEAN (SPR)****SECTION 14 Transport information (continued)****- 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.**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*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** : R10
Xi; R38
R43
N; R50-53**EC Labelling****15.2. Chemical safety assessment**

Not established.

SECTION 16 Other information**Text of R-Phrases in § 3** : R10 : Flammable.
R12 : Extremely flammable.
R38 : Irritating to skin.
R43 : May cause sensitization by skin contact.
R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.**List of relevant R phrases (heading 3)** : R10 : Flammable.
R38 : Irritating to skin.
R43 : May cause sensitization by skin contact.
R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.**Matrix Specialty Lubricants B.V.**

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SECTION 16 Other information (continued)

Further information : None.

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