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

1.1. Product identifier

Identification of the product : Aerosol can. Lubricant.
Trade name : ALFRA 2000

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

Use : Industrial.

1.3. Details of the data-sheet-issuer

Product manufactured for Alfra by: SOGELUB S.A.
Rue de la Terre à Briques, 13
B-7522 Marquain Belgium
Tel. +32 69 59 09 49
E-mail: msds@sogelub.com

1.4. Emergency telephone number

Emergency telephone number in case of poisoning:
Phone: +49 (0)228-19 240 or European emergency call 112

SECTION 2 Hazards identification

2.1. Classification of the substance or mixture

Main hazards : None under normal conditions.

Classification EC 67/548 or EC 1999/45

2.2. Label elements

Labelling EC 67/548 or EC 1999/45

Symbol(s) : None.
R Phrase(s) : None.
S Phrase(s) : None.

2.3. Other hazards

- * **Other hazards** : Pressurised container. To be protected against sunbeam. Do not expose to temperatures higher than 50°C. Do not pierce or burn even after use. Do not spray towards a flame or towards an incandescent object.
None under normal conditions.

SECTION 3 Composition/information on ingredients

3.1./3.2. Substance / Preparation

Substance / Preparation : Preparation.

This product is not considered to be hazardous and does not contain hazardous components.

Preparation based on synthetic oils and additives.

SECTION 4. First aid measures

4.1. Description of first aid measures

General information : Seek medical attention if ill effect develops.
- Inhalation : Assure fresh air breathing. Obtain medical attention if breathing difficulty persists.

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SECTION 4. First aid measures (continued)

- * - **Skin contact** : Wash skin thoroughly with mild soap and water.
Wash skin thoroughly with mild soap and water.
Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
Seek medical attention if ill effect develops.
- * - **Eye contact** : In case of eye contact, immediately rinse with clean water for 10-15 minutes. Seek medical attention if irritation develops.
- * - **Ingestion** : Not expected to be a primary route of exposure.
DO NOT INDUCE VOMITING. Rinse mouth.

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

- **Inhalation** : No information available
- **Skin contact** : No information available
- **Eye contact** : No information available
- **Ingestion** : No information available

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

Treat symptomatically.

SECTION 5. Firefighting measures

5.1. Extinguishing media

Extinguishing media

- **Suitable** : Carbon dioxide. Powder. Water fog.
- **Not to be used** : Do not use a heavy water jet.

5.2. Special hazards arising from the substance or mixture

- * **Special exposure hazards** : When heated to decomposition, emits dangerous fumes. (COx,...)

5.3. Advice for firefighters

- Protection against fire** : Use self-contained breathing apparatus when in close proximity to fire.
- Special procedures** : Do not breathe fumes from fires or vapours from thermal decomposition. Prevent fire-fighting water from entering environment.
Use water stream to cool containers. Heat may build pressure, rupturing closed recipients, spreading fire and increasing risk of burns and injuries.

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- * **Personal precautions** : Ventilate area.
Equip cleanup crew with proper protection.
Evacuate and limit access. No smoking.

6.2. Environmental precautions

- Environmental precautions** : Prevent entry to sewers and public waters.
Notify authorities if product enters sewers or public waters. Dispose used or damaged aerosol cans at permitted disposal sites.

6.3. Methods and material for containment and cleaning up

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SECTION 6. Accidental release measures (continued)

- * **After spillage and/or leakage** : Collect spills and put it into appropriated container. Area of spillage may be slippery. Dike for recovery or absorb with appropriate material.

6.4. Reference to other sections

See Heading 8 - 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

- * **Handling** : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking as well as when leaving work.
Do not breathe sprayings. Container under pressure. Do not drill or burn even after use. Keep away from sources of ignition. Do not spray on naked flame or any incandescent material. Use only in well ventilated areas. Handle in accordance with good industrial hygiene and safety procedures.
- * **Precautions in handling and storage** : Good ventilation of the workplace required.
Both local exhaust and good general room ventilation must be provided not only to control exposure but also to prevent formation of flammable mixtures.
Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for safe storage, including any incompatibilities

- * **Storage** : Keep only in the original container in a cool, well ventilated place. Avoid releasing into the environment. Store in dry, cool, well-ventilated area.
Keep storage temperature below 50°C.
- * **Storage - away from** : Heat.
Open flame.
Sparks.
Direct sunlight.

7.3. Specific end use(s)

Not applicable.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits

8.2. Exposure controls

Personal protection

- **Respiratory protection** : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
- **Skin protection** : No special clothing/skin protection equipment is recommended under normal conditions of use.
- * - **Eye protection** : Eye protection should only be necessary where liquid could be splashed or sprayed.
- **Ingestion** : When working with the product, do not eat, drink or smoke.
- Industrial hygiene** : No special protection required where adequate ventilation is maintained.

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SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

• Appearance

Physical state : Oily liquid.
Colour : Yellow-brown.

• Odour

Odour : Characteristic.

• Odour threshold

No information available

• pH

pH value : Not applicable.

• Melting point / Freezing point

No information available

• Initial boiling point - boiling range

No information available

• Flash point

Flash point [°C] : > 150

• Evaporation rate

No information available

• Flammability

No information available

• Explosion limits (lower - upper)

Explosion limits - lower [%] : No data available.

Explosion limits - upper [%] : No data available.

• Vapour pressure

Vapour pressure [hPa] : No information available

• Vapour density

No information available

• Relative density

Density : ca 0,900 (active matter)

• Solubility

Solubility in water : Material insoluble in water.

• Partition coefficient : n-octanol / water

No information available

• Auto-ignition temperature

Auto-ignition temperature [°C] : No information available

• Thermal decomposition

No information available

• Viscosity

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SECTION 9. Physical and chemical properties (continued)

Viscosity : 6.2 mm²/s (40°C - active matter)

• Explosive Properties

No information available
Not explosive according to EC criteria

• Oxidising properties

No information available

9.2. Other information

- * Contents under pressure. (8 bars - 20°C)

SECTION 10. Stability and reactivity

10.1. Reactivity

None under normal conditions.

10.2. Chemical stability

Stable under normal conditions of storage, handling and use.

10.3. Possibility of hazardous reactions

Hazardous reactions : None under normal conditions.

10.4. Conditions to avoid

- * Conditions to avoid : Open flame.
Direct sunlight.
Overheating.

10.5. Incompatible materials

- * Materials to avoid : Strong acids, bases.
Oxidizing agent.

10.6. Hazardous decomposition products

Hazardous decomposition products : When heated to decomposition, emits dangerous fumes. (COx, ...)

SECTION 11. Toxicological information

11.1. Information on toxicological effects

• On product

Toxicity information : No data available.

• Acute toxicity

Acute toxicity : Not expected to be toxic.

- Inhalation : Inhalation of vapours may cause respiratory irritation.

- Dermal : Repeated or prolonged skin contact may cause irritation.

- Ocular : May cause minor eye irritation.

- Ingestion : Not expected to be toxic.

• On components

• Skin corrosion/irritation : Based on available data, the classification criteria are not met.

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SECTION 11. Toxicological information (continued)

- **Serious eye damage/irritation** : Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** : Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** : Based on available data, the classification criteria are not met.
- **Carcinogenicity** : Based on available data, the classification criteria are not met.
- **Reproductive toxicity** : Based on available data, the classification criteria are not met.
- **STOT-single exposure** : Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** : Based on available data, the classification criteria are not met.
- **Dermal** : Repeated or prolonged skin contact may cause irritation.
- **Aspiration hazard** : Based on available data, the classification criteria are not met.

SECTION 12. Ecological information

12.1. Toxicity

48 Hour-EC50 - Daphnia magna [mg/l] : No data available.

LC50-96 Hour - fish [mg/l] : No data available.

12.2. Persistence and degradability

Biodegradation [%] : Product is biodegradable. > 95 %

On components

12.3. Bioaccumulative potential

No information available

12.4. Mobility in soil

Mobility : Low mobility in the soil.
Material nearly insoluble in water.

12.5. Results of PBT and vPvB assessment

No information available

12.6. Other adverse effects

Ecological effects information : Avoid releasing into the environment.

SECTION 13. Disposal considerations

13.1. Waste treatment methods

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

Disposal : Avoid releasing into the environment. Dispose of in a safe manner in accordance with local/national regulations.

SECTION 14. Transport information

General information

14.1. UN number

UN No. : 1950

14.2. UN proper shipping name

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SECTION 14. Transport information (continued)

- Proper shipping name : AEROSOLS
: UN 1950 AEROSOLS, 2.2, A

14.3. Transport hazard class(es)



Land transport

- ADR/RID : Group : A
Class : 2
- H.I. nr : --
- ADR Class : 2
- ADR Packing group : A

Sea transport

- IMO-IMDG code : Class 2
- EMS-Nr : F-D S-U
IMDG-Marine pollution : - 0

Air transport

- ICAO/IATA : Packaging instructions cargo :
Packaging instructions passenger:
- IATA - Class or division : 2
- Proper shipping name : AEROSOLS

14.4. Packing group

IMO Packing group : A
IATA Packing group : A

14.5. Environmental hazards

14.6. Special precautions for user

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

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

Regulation (EC) No 453/2010, amending Regulation 1907/2006 of the European Parliament and of the Council of 18 December 2006.

15.2. Chemical safety assessment

Not realized

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SECTION 16. Other information

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Further information : For professional use only.

The contents and format of this SDS are in accordance with REGULATION (EC) No 453/2010 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL.

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