

## SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

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

#### 1.1 Product identifier

**Product name:** COFRAN 4 FONCTIONS NG AR/UN

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

**Identified uses:** Lubricant

**Uses advised against:** No uses advised against identified.

#### 1.3 Details of the supplier of the safety data sheet

**Manufacturer / Supplier** COFRAN FLF  
1, rue Lavoisier  
92000 Nanterre  
France

Telephone: +33 (0) 1 41 37 42 00

Fax: +33 (0) 1 41 37 42 16

#### Contact Person:

E-mail: info.fds@fuchs.com

**1.4 Emergency telephone number:** +33 (0)1 45 42 59 59 (ORFILA)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification according to GB-CLP.**

#### Hazard summary

**Physical Hazards:** Flammable aerosol.

#### Health Hazards

**Inhalation:** Has a narcotic effect.

**Skin Contact:** At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

#### 2.2 Label Elements

**Signal Words:**

**Product name:** COFRAN 4 FONCTIONS NG AR/UN

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**Hazard Statement(s):**

**Precautionary Statements**

**Prevention:**

**Response:**

**Storage:**

**Disposal:**

**Supplemental label information**

**2.3 Other hazards:** By handling of mineral oil products and chemical products no particular hazard is known when normal precautions (item 7) and personal protective equipment (item 8) are kept.

### SECTION 3: Composition/information on ingredients

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#### 3.2 Mixtures

**General information:** Mixture of components with propellant in aerosol can.

### SECTION 4: First aid measures

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**General:** Change clothes and shoes contaminated or soaked by the product. Never put rags contaminated by the product into clothing pockets.

#### 4.1 Description of first aid measures

**Inhalation:** Supply fresh air; consult doctor in case of symptoms.

**Eye contact:** Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention if irritation persists after washing.

**Skin Contact:** Wash with soap and water. Get medical attention if irritation persists after washing.

**Ingestion:** Rinse mouth thoroughly. Do not induce vomiting. Seek medical advice.

**4.2 Most important symptoms and effects, both acute and delayed:** Dizziness Freeze burns

**4.3 Indication of any immediate medical attention and special treatment needed** Get medical attention if symptoms occur.

### SECTION 5: Firefighting measures

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**Product name:** COFRAN 4 FONCTIONS NG AR/UN

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**General Fire Hazards:** Use water spray to keep fire-exposed containers cool. Fight fire from a protected location. Move containers from fire area if you can do so without risk.

**5.1 Extinguishing media**

**Suitable extinguishing media:** CO<sub>2</sub>, fire extinguishing powder or fog like water spraying. Extinguish larger fires with alcohol resistant foam or spray water with suitable surfactant added

**Unsuitable extinguishing media:** Water with a full water jet.

**5.2 Special hazards arising from the substance or mixture:**

Danger of explosion with aerosol cans.

**5.3 Advice for firefighters**

**Special fire-fighting procedures:** Move container from fire area if it can be done without risk. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Collect contaminated fire fighting water separately. It must not enter drains.

**Special protective equipment for fire-fighters:** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

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|---|
| <b>SECTION 6: Accidental release measures</b> |
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**6.1 Personal precautions, protective equipment and emergency procedures:** Avoid inhalation of spray mist and contact with skin and eyes. Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

**6.2 Environmental Precautions:** Avoid release to the environment. Prevent further leakage or spillage if safe to do so.

**6.3 Methods and material for containment and cleaning up:** Scrape up spillage or absorb with absorbing material. Stop the flow of material, if this is without risk. Dispose of the material collected according to regulations.

**6.4 Reference to other sections:** See Section 8 of the SDS for Personal Protective Equipment. See Section 7 for information on safe handling See Section 13 for information on disposal.

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do so without risk.

**Product name:** COFRAN 4 FONCTIONS NG AR/UN

**SECTION 7: Handling and storage:**

- 7.1 Precautions for safe handling:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not eat, drink or smoke when working with the product. Take usual precautions when handling mineral oil products or chemical products. Avoid contact with flame and heat source, prevent contact with direct sunlight Use only in well-ventilated areas. Avoid contact with eyes, skin, and clothing.
- 7.2 Conditions for safe storage, including any incompatibilities:** Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Local regulations for the storage and handling of aerosol cans and flammable liquids have to be kept. Keep away from heat/sparks/hot surfaces. - No smoking.
- 7.3 Specific end use(s):** Not applicable

**Storage Class:** 2 B, Aerosols

**SECTION 8: Exposure controls/personal protection**

**8.1 Control Parameters**

**Occupational Exposure Limits**

| Chemical name | Type | Exposure Limit Values | Source  |
|---------------|------|-----------------------|---|
| Butane        | TWA  | 600 ppm 1.450 mg/m3   | UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011) |
| Butane        | STEL | 750 ppm 1.810 mg/m3   | UK. EH40 Workplace Exposure Limits (WELs), as amended (12 2011) |

**8.2 Exposure controls**

**Appropriate engineering controls:** Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of spray.

**Individual protection measures, such as personal protective equipment**

**General information:** Wash hands before breaks and after work. Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. The usual precautionary measures should be adhered to in handling the chemicals or the mineral oil products.

**Eye/face protection:** Safety glasses (EN 166) recommended during refilling.

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**Skin protection**

**Hand Protection:**

Material: Nitrile butyl rubber (NBR).  
 Min. Breakthrough time:  $\geq 480$  min  
 Recommended thickness of the material:  $\geq 0,38$  mm

Avoid long-term and repeated skin contact. Suitable gloves can be recommended by the glove supplier. Use skin protection cream for preventive skin protection. Protective gloves, where permitted in acc. to safety directions. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Other:**

Do not carry cleaning cloths impregnated with the product in trouser pockets. Wear suitable protective clothing.

**Respiratory Protection:**

Ensure good ventilation/exhaustion at the workplace. Avoid breathing vapour/ aerosol. If ventilation is insufficient, suitable respiratory protection must be provided. Filter P1. Filter A.

**Thermal hazards:**

No decomposition if used and stored according to specifications.

**Hygiene measures:**

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

**Environmental Controls:**

No data available.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**Appearance**

|   |   |
|---|---|
| <b>Physical state:</b>                  | Aerosols                                    |
| <b>Form:</b>                            | Aerosols                                    |
| <b>Color:</b>                           | Colorless                                   |
| <b>Odor:</b>                            | No data available.                          |
| <b>pH:</b>                              | substance/mixture is non-soluble (in water) |
| <b>Freezing point:</b>                  | not determined                              |
| <b>Boiling Point:</b>                   | not determined                              |
| <b>Flash Point:</b>                     | Not applicable                              |
| <b>Evaporation Rate:</b>                | Not applicable for mixtures                 |
| <b>Flammability (solid, gas):</b>       | not determined                              |
| <b>Flammability Limit - Upper (%)—:</b> | Not applicable for mixtures                 |
| <b>Flammability Limit - Lower (%)—:</b> | Not applicable for mixtures                 |
| <b>Vapor pressure:</b>                  | Not applicable for mixtures                 |
| <b>Relative vapor density:</b>          | Not applicable for mixtures                 |
| <b>Density:</b>                         | 1,00 g/cm <sup>3</sup>                      |
| <b>Solubility(ies)</b>                  |   |
| <b>Solubility in Water:</b>             | Insoluble in water                          |

**Product name:** COFRAN 4 FONCTIONS NG AR/UN

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|   |                                       |
|---|---------------------------------------|
| <b>Solubility (other):</b>                      | No data available.                    |
| <b>Partition coefficient (n-octanol/water):</b> | Not applicable for mixtures           |
| <b>Autoignition Temperature:</b>                | not determined                        |
| <b>Decomposition Temperature:</b>               | not determined                        |
| <b>Kinematic viscosity:</b>                     | < 7 mm <sup>2</sup> /s (40 °C)        |
| <b>Explosive properties:</b>                    | Value not relevant for classification |
| <b>Oxidizing properties:</b>                    | Value not relevant for classification |
| <b>Particle characteristics:</b>                | Not applicable                        |
| <b>9.2 Other information</b>                    | No data available.                    |

#### SECTION 10: Stability and reactivity

|   |  |
|---|--|
| <b>10.1 Reactivity:</b>                         | Stable under normal use conditions.  |
| <b>10.2 Chemical Stability:</b>                 | Stable under normal use conditions.  |
| <b>10.3 Possibility of hazardous reactions:</b> | Stable under normal use conditions.  |
| <b>10.4 Conditions to avoid:</b>                | Stable under normal use conditions. Avoid exposing aerosol containers to high temperatures or direct sunlight. |
| <b>10.5 Incompatible Materials:</b>             | Strong oxidizing substances. Strong acids. Strong bases.   |
| <b>10.6 Hazardous Decomposition Products:</b>   | Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.                |

#### SECTION 11: Toxicological information

##### 11.1 Information on toxicological effects

###### Acute toxicity

###### Oral

**Product:** Not classified for acute toxicity based on available data.

###### Dermal

**Product:** Not classified for acute toxicity based on available data. Not classified for acute toxicity based on available data.

###### Inhalation

**Product:** Not classified for acute toxicity based on available data. Not classified for acute toxicity based on available data.

###### Skin Corrosion/Irritation:

**Product:**

###### Serious Eye Damage/Eye Irritation:

**Product:**

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**Respiratory or Skin Sensitization:**  
**Product:**

**Germ Cell Mutagenicity**  
**Product:**

**Carcinogenicity**  
**Product:**

**Reproductive toxicity**  
**Product:**

**Specific Target Organ Toxicity - Single Exposure**  
**Product:**

**Specific Target Organ Toxicity - Repeated Exposure**  
**Product:**

**Aspiration Hazard**  
**Product:**

**Other adverse effects:** No data available.

## SECTION 12: Ecological information

**General information:** Not applicable

### 12.1 Toxicity

**Acute toxicity**  
**Product:**

**Chronic Toxicity**  
**Product:**

### 12.2 Persistence and Degradability

**Biodegradation**  
**Product:** Not applicable for mixtures

**12.3 Bioaccumulative potential**  
**Product:** Not applicable for mixtures

**12.4 Mobility in soil:**  
**Product:** Not applicable for mixtures

**12.5 Results of PBT and vPvB assessment:** The product does not contain any substances fulfilling the PBT/vPvB criteria.

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**12.6 Other adverse effects:** Toxic to aquatic life with long lasting effects.

**Water Hazard Class (WGK):** WGK 1: slightly water-endangering.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

**General information:** Dispose in accordance with all applicable regulations.

**Disposal methods:** Discharge, treatment, or disposal may be subject to national, state, or local laws.

#### List of Waste (LoW) Codes

16 05 04\*: Gases in pressure containers (including halons) containing hazardous substances.

### SECTION 14: Transport information

#### ADR/RID

14.1 UN number or ID number: UN 1950  
14.2 UN Proper Shipping Name: AEROSOLS  
14.3 Transport Hazard Class(es)  
Class: 2  
Label(s): 2.1  
Hazard No. (ADR): –  
Tunnel restriction code: (D)  
14.4 Packing Group: –  
14.5 Environmental hazards: –  
14.6 Special precautions for user: –

#### IMDG

14.1 UN number or ID number: UN 1950  
14.2 UN Proper Shipping Name: AEROSOLS  
14.3 Transport Hazard Class(es)  
Class: 2.1  
Label(s): 2.1  
EmS No.: F-D, S-U  
14.3 Packing Group: –  
14.5 Environmental hazards: –  
14.6 Special precautions for user: –



**Product name:** COFRAN 4 FONCTIONS NG AR/UN

**IATA**

- 14.1 UN number or ID number: UN 1950
- 14.2 Proper Shipping Name: Aerosols, flammable
- 14.3 Transport Hazard Class(es):
  - Class: 2.1
  - Label(s): 2.1
- 14.4 Packing Group: –
- 14.5 Environmental hazards: –
- 14.6 Special precautions for user: –

**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:**

**GB Regulations**

**The Ozone-Depleting Substances and Fluorinated Greenhouse Gases (Amendment etc.) (EU Exit) Regulations 2019:**

none

**The Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020:**

none

**15.2 Chemical safety assessment:** No Chemical Safety Assessment has been carried out.

**DIRECTIVE Control of Major Accident Hazards Regulations 2015:**

| Hazard category in accordance with GB-CLP | Qualifying quantity for the application of Lower-tier requirements: | Qualifying quantity for the application of Upper-tier requirements: |
|---|---|---|
| P3a: P3a. Flammable aerosols              | 150 t   | 500 t   |

**SECTION 16: Other information**

**Revision Information:** Vertical lines in the margin indicate an amendment.

**Wording of the H-statements in section 2 and 3**

none

**Other information:** The classification complies with the current GB lists; however, it has been supplemented with expert literature information and information provided by/about our company. The following evaluation methods were used: On the basis of test data; Calculation Method; Bridging Principle "Substantially similar mixtures"; Expert Judgement



**Product name:** COFRAN 4 FONCTIONS NG AR/UN

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**Revision Date:** 13.06.2023

**Disclaimer:** The data contained in this safety data sheet are based on our current knowledge and experience and are given to the best of our knowledge and belief. It characterizes the product only with regard to safety requirements for handling, transport and disposal. The data do not describe the product's properties (tech. product specification). Neither should any agreed property nor the suitability of the product for any specific technical application be deduced from the data contained in this safety data sheet. Modifications on this document are not allowed. The data are not transferable to other products. In the case of mixing the product with other products or in the case of processing, the data in this safety data sheet are not necessarily valid for the new-made material. It is the responsibility of the recipient of the product to observe federal, state and local law. Please contact us to obtain up-to-date safety data sheets. This document was issued electronically and has no signature.