

## SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

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

#### 1.1 Product identifier

**Product name:** COFRAN DEGRIPPANT 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, Place des Papeteries  
92000 Nanterre  
France  
**Telephone:** +33 (0) 1 41 37 42 00  
**Fax:** +33 (0) 1 41 37 42 16

**Contact Person:**  
**E-mail:** info@cofran.fr

**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

The product has been classified and labelled as hazardous according to regulation (EU) 1272/2008 (CLP).

**Classification according to Regulation (EC) No 1272/2008 as amended.**

##### Physical Hazards

Aerosols	Category 1	H222: Extremely flammable aerosol. H229: Pressurized container: May burst if heated.
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##### Health Hazards

Specific Target Organ Toxicity - Single Exposure	Category 3	H336: May cause drowsiness or dizziness.
Aspiration Hazard	Category 1	H304: May be fatal if swallowed and enters air- ways.

##### Hazard summary

**Physical Hazards:** Flammable aerosol.

#### 2.2 Label Elements

**Product name:** COFRAN DEGRIPPANT NG AR/UN



**Signal Words:** Danger

**Hazard Statement(s):** H222: Extremely flammable aerosol.  
H229: Pressurized container: May burst if heated.  
H336: May cause drowsiness or dizziness.

#### Precautionary Statements

**Prevention:** P101: If medical advice is needed, have product container or label at hand.  
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.  
P271: Use only outdoors or in a well-ventilated area.

**Response:** P312: Call a POISON CENTER or doctor/ physician if you feel unwell.

**Storage:** P405: Store locked up.  
P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

**Disposal:** P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

#### Supplemental label information

EUH066: Repeated exposure may cause skin dryness or cracking.

#### 2.3 Information on 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.

#### Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

**General information:** Mixture of active ingredients with propellant

**Product name: COFRAN DEGRIPPANT NG AR/UN**

Chemical name	Identifier	Concentration *	REACH Registration No.	Notes
Butane	EINECS: 203-448-7	0% - <100,00%	01-2119474691-32	
Hydrocarbons, low viscous	EINECS: 919-857-5	>=10,00% - <25,00%	01-2119463258-33	
Propane	EINECS: 200-827-9	0% - <100,00%	01-2119486944-21	
Methyl acetate	EINECS: 201-185-2	>=2,50% - <10,00%	01-2119459211-47	
Isobutane (<0,1% 1,3-butadiene)	EINECS: 200-857-2	0% - <100,00%	01-2119485395-27	

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

**Classification**

Chemical name	Identifier	Classification
Butane	EINECS: 203-448-7	CLP: Flam. Gas 1A;H220, Press. Gas Compr. Gas;H280
Hydrocarbons, low viscous	EINECS: 919-857-5	CLP: Asp. Tox. 1;H304, Flam. Liq. 3;H226, STOT SE 3;H336 EUH066
Propane	EINECS: 200-827-9	CLP: Flam. Gas 1A;H220, Press. Gas Compr. Gas;H280
Methyl acetate	EINECS: 201-185-2	CLP: FLAM LIQ 2;H225, STOT SE 3;H336, Eye Irrit. 2;H319
Isobutane (<0,1% 1,3-butadiene)	EINECS: 200-857-2	CLP: Flam. Gas 1A;H220, Press. Gas Compr. Gas;H280

CLP: Regulation No. 1272/2008.

**SECTION 4: First aid measures**

**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. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists after washing.

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

**Ingestion:** If swallowed, rinse mouth with water (only if the person is conscious). Obtain medical attention and take along these instructions.

**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**
**5.1 Extinguishing media**

**Product name: COFRAN DEGRIPPANT NG AR/UN**

<b>Suitable extinguishing media:</b>	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
<b>Unsuitable extinguishing media:</b>	Water with a full water jet.
<b>5.2 Special hazards arising from the substance or mixture:</b>	Danger of explosion with aerosol cans.
<b>5.3 Advice for firefighters</b>	
<b>Special fire-fighting procedures:</b>	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.
<b>Special protective equipment for fire-fighters:</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**SECTION 6: Accidental release measures**

<b>6.1 Personal precautions, protective equipment and emergency procedures:</b>	Avoid inhalation of vapors and 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). In case of spills, beware of slippery floors and surfaces.
<b>6.2 Environmental Precautions:</b>	Avoid release to the environment. Environmental manager must be informed of all major spillages. Prevent further leakage or spillage if safe to do so. Do not allow to enter drainage system, surface or ground water.
<b>6.3 Methods and material for containment and cleaning up:</b>	Absorb spillage with non-combustible, absorbent material. Dispose of the material collected according to regulations.
<b>6.4 Reference to other sections:</b>	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.

**SECTION 7: Handling and storage:**

<b>7.1 Precautions for safe handling:</b>	Avoid contact with flame and heat source, prevent contact with direct sunlight Avoid contact with skin and eyes. Avoid inhalation of aerosols. Use only in well-ventilated areas. 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. Containers can burst violently when heated, due to excess pressure build-up. Take precautionary measures against static discharges.
<b>7.2 Conditions for safe storage, including any incompatibilities:</b>	Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Keep away from heat/sparks/hot surfaces. - No smoking. Store in a cool and well-ventilated place.
<b>7.3 Specific end use(s):</b>	Not applicable

**Product name:** COFRAN DEGRIPPANT NG AR/UN

## SECTION 8: Exposure controls/personal protection

### 8.1 Control Parameters

#### Occupational Exposure Limits

Chemical name	Type	Exposure Limit Values	Source
Butane	VME	800 ppm 1.900 mg/m3	France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984, as amended (01 2008)
Methyl acetate	VME	200 ppm 610 mg/m3	France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984, as amended (01 2008)
Methyl acetate	VLE	250 ppm 760 mg/m3	France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984, as amended (01 2008)

### 8.2 Exposure controls

#### Appropriate engineering controls:

Avoid inhalation of vapors and spray mists. 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:

Avoid contact with skin and eyes. Wear eye protection/face protection.

##### 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:

Avoid breathing vapour/ aerosol. Ensure good ventilation/exhaustion at the workplace. In case of inadequate ventilation use suitable respirator.

##### Thermal hazards:

Not known.

##### 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.

**Product name:** COFRAN DEGRIPPANT NG AR/UN

**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>	Characteristic
<b>pH:</b>	substance/mixture is non-soluble (in water) Not applicable
<b>Freezing point:</b>	not determined
<b>Boiling Point:</b>	not determined
<b>Flash Point:</b>	Value not relevant for classification
<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> (20 °C)
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Insoluble in water
<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

**9.2 Other information** 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. Keep away from heat. Heat may cause the containers to explode.
<b>10.5 Incompatible Materials:</b>	Strong oxidizing substances. Strong acids. Strong bases.

**Product name:** COFRAN DEGRIPPANT NG AR/UN

**10.6 Hazardous Decomposition Products:** Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

##### Oral

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

##### Specified substance(s)

Hydrocarbons, low viscous LD 50 (Rat): > 5.001 mg/kg (OECD 401)

##### Dermal

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

##### Specified substance(s)

Hydrocarbons, low viscous LD 50 (Rabbit): > 5.000 mg/kg (OECD 402)

##### Inhalation

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

##### Specified substance(s)

Butane LC 50 (Rat, 4 h): 658 mg/l  
Gas

Hydrocarbons, low viscous LC 50 (Rat, 1 h): 40,2 mg/l

##### Skin Corrosion/Irritation:

**Product:** Based on available data, the classification criteria are not met.

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

**Product:** Based on available data, the classification criteria are not met.

##### Respiratory or Skin Sensitization:

**Product:** Skin sensitizer: Based on available data, the classification criteria are not met.  
Respiratory sensitizer: Based on available data, the classification criteria are not met.

##### Germ Cell Mutagenicity

**Product:** Based on available data, the classification criteria are not met.

##### Carcinogenicity

**Product:** Based on available data, the classification criteria are not met.

##### Reproductive toxicity

**Product:** Based on available data, the classification criteria are not met.

**Product name:** COFRAN DEGRIPPANT NG AR/UN

**Specific Target Organ Toxicity - Single Exposure**

**Product:** Based on available data, the classification criteria are met.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** Based on available data, the classification criteria are not met.

**Aspiration Hazard**

**Product:** Based on available data, the classification criteria are met.

**11.2 Information on other hazards**

**Endocrine disrupting properties**

**Product:** The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Acute toxicity**

**Product:** Based on available data, the classification criteria are not met.

**Fish**

**Specified substance(s)**

Hydrocarbons, low viscous LC 50 (Fish, 96 h): > 1.000 mg/l

Propane LC 50 (Fish, 96 h): > 1.000 mg/l

Isobutane (<0,1% 1,3-butadiene) LC 50 (Fish, 96 h): 28 mg/l

**Aquatic Invertebrates**

**Specified substance(s)**

Hydrocarbons, low viscous EC 50 (Water Flea, 48 h): > 1.000 mg/l (OECD 202)

Isobutane (<0,1% 1,3-butadiene) EC 50 (Water Flea, 48 h): 16,3 mg/l

**Chronic Toxicity****Product:** Based on available data, the classification criteria are not met.

**Toxicity to Aquatic Plants**

**Specified substance(s)**

Hydrocarbons, low viscous EC 50 (Alga, 72 h): > 1.001 mg/l (OECD 201)

Isobutane (<0,1% 1,3-butadiene) EC 50 (Alga, 72 h): 8,6 mg/l

**12.2 Persistence and Degradability**



**Product name:** COFRAN DEGRIPPANT NG AR/UN

**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.

**12.6 Endocrine disrupting properties**

**Product:** The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

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

**Disposal methods:** Do not empty into drains; dispose of this material and its container in a safe way. Do not puncture or incinerate even when empty. Empty containers must not be burned because of explosion hazard.

**European Waste 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:	—

**Product name:** COFRAN DEGRIPPANT NG AR/UN

**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:	—

**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 Maritime transport in bulk according to IMO instruments:** Not applicable.

**SECTION 15: Regulatory information**

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

**EU Regulations**

**EU. Regulation 1005/2009/EC on substances that deplete the ozone layer, Annex I, Controlled Substances:** none

**EU. Regulation 2019/1021/EU on persistent organic pollutants (POPs) (recast), as amended:** none

**National Regulations**

**INRS, maladies professionnelles, table of work-related illnesses**

**Listed:** 84

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

**SECTION 16: Other information**

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

**Product name:** COFRAN DEGRIPPANT NG AR/UN

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

EUH066	Repeated exposure may cause skin dryness or cracking.
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapor.
H226	Flammable liquid and vapor.
H229	Pressurized container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

**Other information:**

The classification complies with the current EU 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

**Revision Date:**

08.03.2023

**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.