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## 1. Product and company identification

**Product trade name:** LUBRI-JET SPRAY  
**Trade code:** 032012 (Cattani code 040737)

**Product type and uses:** Lubricant

**Company name:** **MAGNOLIA S.R.L.**  
Registered office  
VIA NATTA, 6/A - 43122 PARMA  
Operational headquarters  
VIA B. FRANKLIN, 31 - 43122 PARMA  
Tel: +39 0521 607604 - Fax: +39 0521 399967  
e-mail: info.magnolia@cattani.it - website: [www.cattani.it](http://www.cattani.it)

**Emergency telephone:** Poison control Centre  
OSPEDALE NIGUARDA CA' GRANDA  
Piazza Ospedale Maggiore 4  
20162 Milan  
Tel. + 39 0266101029

## 2. Hazard identification

### 2.1 Classification of substance or mixture

The preparation is not classified as hazardous.

If exposed to a temperature above 50 °C (122 °F), the container can become deformed and explode. In poorly ventilated rooms explosive mixtures can be formed.

### 2.2 Label elements (Directive 67/548/CEE as amended)

**Danger symbols:** None

**R phrases:** None

**S phrases:** S9 – Keep container in a well ventilated place.

S23 – Do not breathe spray mist.

S33 – Prevent accumulation of static discharges.

S51 – Use only in well ventilated areas.

Pressurized container. Protect from sunlight and do not expose to temperatures above 50°C.

Do not pierce or burn even after use. Do not spray on a flame or incandescent body. Store away from any source of combustion. Do not smoke. Keep out of the reach of children. 2% of total mass components is flammable.

### 2.3 Other hazards

The product does not contain any substances classified as PBT or vPvB under regulation (CE) 1907/2006.

## 3. Composition / information on ingredients

### 3.2 Mixtures


Contained substances that are hazardous for health/environment under directive 67/548/CEE as amended or for which recognized exposure limits exist:

Identification	CAS no. CE no.	Conc. %	Classification under dir. 67/548 CEE
1,1-difluoroethane	75-37-6 200-866-1	> 10 < 20	F+ R12

(1): Contains < 0.1 % of 1.3 Butadiene

(2): Substance subject to workplace exposure limit

The text complete with risk phrases (R) and hazard indications (H) is included in section 16 of the data sheet.

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## 4. First aid measures

### 4.1. Description of first aid measures

**INHALATION:** Remove person from hazard zone to fresh air and seek specialized medical advice

**INGESTION:** The product is normally not absorbed by ingestion. Rinse mouth thoroughly with water. Get person to drink lots of water and call a physician immediately.

**CONTACT WITH SKIN:** Wash accurately with plenty of water and soap. In case of skin irritation (rash, etc.) seek medical advice.

**CONTACT WITH EYES:** Rinse accurately with plenty of water for several minutes, if necessary call a physician.

### 4.2. Main symptoms and effects, both acute and delayed

For symptoms and effects due to contained substances, see chap.11

### 4.3. Information on possible need to seek immediate medical advice or special treatments

Follow the physician's instructions

## 5. Fire fighting measures

### 5.1. Extinguishing media

**SUITABLE EXTINGUISHING MEDIA:** CO<sub>2</sub>, powder extinguishers. Use water spray to cool down containers.

**UNSUITABLE EXTINGUISHING MEDIA:** Do not use water extinguishers.

### 5.2. Special hazards deriving from mixture

**COMBUSTION RISKS:** If overheated, aerosol containers can become deformed, explode and be projected very far.

Exposure to combustion gases can involve health risks: avoid breathing fumes.

### 5.3. Recommendations for fire fighters

**GENERAL INFORMATION:** Use water or water spray to cool down material that is not on fire.

Remove containers from hazard area without exposing yourself to excessive risks. Do not inhale vapours and exhaust gas. Seek fresh air.

**PROTECTION EQUIPMENT:** Separate protective respiratory equipment. Depending on extent of fire, complete protection may be required.

## 6. Accidental release measures

### 6.1. Personal precautions, protection equipment and emergency procedures

Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) in the area where the leak has occurred.

If dust or vapours are dispersed in the air, use respiratory protection. Stop the leak if it is not hazardous to do so.

Do not manipulate damaged containers or leaked product without wearing gloves and protective clothes.

Unequipped persons must be kept away. Avoid contact with skin, eyes and inhalation. Keep room well ventilated.

### 6.2. Environmental precautions

Eliminate possible sources of ignition and all naked flames. Do not smoke. Contain leaks with soil or sand. If product spills into a water course, sewage system or contaminates soil or vegetation, report to competent authorities.

### 6.3. Methods and materials for containing and decontaminating

If product is in liquid form, prevent it from penetrating into sewage system. May be absorbed with inert material. In case of aerosol/gas leaks, provide sufficient ventilation.

Contaminated material must be disposed of in conformity with the provisions of point 13.

### 6.4. Reference to other sections

Any information regarding individual protection and disposal is included in sections 8 and 13.

## 7. Handling and storage


### 7.1 Precautions for safe handling

Prevent accumulation of static discharges. Ventilate room well. Keep away from heat, sparks and naked flames, do not smoke nor use matches or lighters. Protect from sunlight, heat sources and do not store at temperatures above 50°C (122° F). Keep containers in a safe position preventing possibility of falls or impact.

Keep container in a well ventilated place. Do not inhale vapours. Avoid contact with eyes.

### 7.2. Conditions for safe storage, including any incompatibility

Store closed containers in a well ventilated place

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### 7.3. Specific end use

Information not available

## 8. Control of personal protection/exposure

### 8.1. Control parameters

The concentration of individual substances must be taken into account when assessing the toxicological effects of exposure to the product

<i>Chemical name</i>	<i>Tlv-Twa</i>
<b>1,1-difluoroethane</b>	<b>n.a.</b>

### 8.2. Controlling exposure:

Use adequate protection measures for hands, eyes, skin and airways.

RESPIRATORY PROTECTION: If limit value is exceeded use a mask with suitable filters

EYE PROTECTION: Under normal conditions no protection is needed. Avoid contact with eyes.

Do not spray towards eyes.

HANDS PROTECTION: Under normal conditions no protection is needed. After use: Wash hands with soap and water.

SKIN PROTECTION: Under normal conditions no protection is needed. Wash skin that was in contact with the product using soap and water after use.

## 9. Physical and chemical properties

### 9.1. Information on main physical and chemical properties

Appearance: Pressurized container with base and gas

Smell: Characteristic

Colour:

Container volume: 210

Aerosol product volume: 150

Density: approx. 1.1

Pressure at 20 °C: 5 bar

pH: NA (not available)

Flash point: Not flammable

Flash point of propellant Below 0°C

Solubility: NA (not available)

VOC: /

### 9.2. Other information

No data

## 10. Stability and reactivity

### 10.1. Reactivity

No dangerous reaction if properly stored and used. Prevent accumulation of static discharges.

Explosion hazard with pressure increase.

### 10.2. Chemical stability

The product is stable under recommended storage and use conditions.

### 10.3. Possible hazardous reactions

Aerosol containers heated to over 50° C (122° F) can become deformed, explode and be projected very far.

### 10.4. Conditions to avoid


Keep away from oxidizing agents or strongly acid or basic chemical products to prevent possible container corrosion.

### 10.5. Incompatible materials

No specific information on this product is available.

### 10.6. Dangerous decomposition products

The product is flammable, combustion can lead to the formation of dangerous decomposition products.

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## 11. Toxicological information

### 11.1. Information on toxicological effects

The concentration of individual substances must be taken into account when assessing the toxicological effects of exposure to the product. Toxicological information on the main substances contained in the product is provided below:

**TOXICITY BY INGESTION:** Ingestion can cause lung damage.

**TOXICITY BY INHALATION:** Inhalation can irritate the mucous membranes of the respiratory organs. Symptoms include nausea, vomiting and headache.

**IRRITATING EFFECT DUE TO DIRECT CONTACT WITH SKIN:** Contact with the skin can cause irritation and dermatitis.

**IRRITATING EFFECT DUE TO DIRECT CONTACT WITH EYES:** Contact with eyes can cause irritation.

## 12. Ecological information

The concentration of the individual substances must be taken into account when assessing effects on the environment. Use good working practices and avoid releasing the product in the environment. The product contains no substances that are considered harmful to the ozone layer.

### 12.1. Toxicity

### 12.2. Persistence and degradability

### 12.3. Bioaccumulation potential

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

## 13. Information on disposal

### 13.1. Method for waste disposal

No CE key: The codes indicating the type of waste should be considered as recommendations based on the foreseeable use of this product. Depending on the particular use and the user's disposal characteristics, different codes can be assigned (2001/118/CE, 2001/119/CE, 2001/572/CE).

16 05 04 gas in pressurized containers (including halons), containing dangerous substances.

Important:

Make sure local regulations are complied with (e.g. suitable incineration system)

Do not pierce, cut or weld.

## 14. Information on transport

### *Road/railway transport (ADR/RID):*

Class/packaging group: 2/-

UN 1950 AEROSOLS

Classification code: 5A

LQ: 2 (Chap. 3.4.6, Column 7)

Rina: M.M.M. 2-42

Dangerous for the environment: No

### *Transport by sea:*

IMDG-Code (Class/packaging group): 2.2/-

EmS: F-D, S-U

UN 1950 AEROSOLS

Sea pollutant: No

### *Transport by air:*

IATA (Class/packaging group): 2.2/-

UN 1950 AEROSOLS


## 15. Information on regulations

### 15.1 Specific regulations and laws for substance or mix regarding health, safety and environment

This product is classified in accordance with CE regulations and directives on hazardous substances.

### 15.2 Chemical safety evaluation

No data available.

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## 16. Other information

Text of risk phrases (R) mentioned in section 3 of this data sheet:

R12 – Extremely flammable

Labelling in accordance with Directive 67/548/CEE as amended, Directive 1999/45/CE as amended, Regulation 1907/2006/CE (REACH) as amended and Regulation 1272/2008/CE (CLP) as amended.

This product must be stored, handled and used in accordance with good industrial practices and in conformity with current regulations.

**IMPORTANT:** The information contained herein is based on the present state of our knowledge and is intended to describe our product from the point of view of safety requirements.

However it does not guarantee that the information is sufficient or correct to cover every case and can in no way replace the role of the physician whose advice should be sought in case of doubt.

As the product is not used under our direct control, the user is responsible for complying with current laws and regulations on hygiene and safety. No responsibility is accepted for improper use.

This version of the document has introduced changes in the following sections: ///

This data sheet supersedes and replaces all previous issues.

ogni edizione precedente.