

**1. IDENTIFICATION OF THE PRODUCT AND OF THE DISTRIBUTOR**

Number of the product's Safety Data Sheet  
899100100.IN.02

Name of the product:  
899100100 SPRAY "OIL MINERAL"

Identification data of the Distributor:  
SUPER-EGO TOOLS, S. L.U.  
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**2. COMPOSITION AND INFORMATION ABOUT THE COMPONENTS**

Substance/preparation:  
Preparation

Information about hazardous components: in compliance with RD 255/2003 and Order PRE 164/2007

Chemical name	CAS No.	EINECS	%	Symbol	R-Phrases
LPG	68476-85-7	270-990-9	30	F+	R12
Methyl esters	67762-38-3	270-990-9	-	N	R50

**3. IDENTIFICATION OF THE POSSIBLE HAZARDS****Physical/chemical hazards**

Extremely flammable. Keep away from any source of ignition. Do not smoke. The spray may explode due to the internal pressure reached when exposed to temperatures over 50° C. Do not spray close to fire, heat surfaces or electronic equipment. The material can accumulate static charges which can cause an electrostatic discharge.

**Environmental hazards:**

The preparation must not be classified as dangerous for the environment, although the oil it contains is very dangerous for the aquatic environment, according to the self-classification of the manufacturer.

**Danger for human health:**

It is not classified as dangerous for the health.

**Other information:**

The product may cause frostbite burns when in contact with the skin and eyes. Keep out the reach of children.

**4. FIRST AID**

Effects and symptoms: consult section 15

**First aid measures:****Inhalation**

Take the affected person to the fresh air. Prevent the affected person from injuring himself/herself due to the temporary disorientation provoked by the inhalation of LPG. In case of discomfort, seek medical advice immediately.

**Ingestion**

If discomfort persists, seek medical advice.

**Skin contact:**

Remove any contaminated clothes. Wash the skin with plenty of water.

**Eye contact:**

Wash with abundant water for at least 15 minutes. If irritation persists, consult an ophthalmologist.

**5. MEASURES TO FIGHT AGAINST FIRE****Suitable extinguishing media**

Foam, dry chemical powder, CO<sub>2</sub> and water spray.

**Special hazards of fire / explosion:**

The spray may explode due to the internal pressure reached when exposed to temperatures over 50° C. The containers that may be susceptible of exploding may be violently projected during a fire. Keep the containers cool using water spray.

**Hazardous products from thermal decomposition:**

CO, CO<sub>2</sub> y HO<sub>2</sub>

**6. MEASURES WHICH MUST BE TAKEN IN THE EVENT OF ACCIDENTAL SPILLAGE**

If the packaging requirements are met, a significant spillage is not likely to occur except in case of explosion of the containers.

**Personal precautions,**

Avoid exposition to the liquefied gas in closed areas, due to oxygen displacement. Use self-contained breathing apparatus if necessary.

**Measures for environmental protection:**

In land: Keep away all sources of ignition. Warn people in the vicinity located leeward about the risk of fire and explosion. Try to contain the liquid using sand or dirt. Do not allow liquids to reach sewers, waterways or low areas. Alert the authorities if this happens.

In water: Keep away all sources of ignition. Warn people in the vicinity and sailors in leeward areas about the risk of fire and explosion. Alert the port or any other competent authorities and keep the people away.

**Methods for cleaning up:**

Absorbing sand

**7. HANDLING AND STORAGE****Handling**

Keep away from any source of ignition. Do not smoke. IMPORTANT: Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray towards a flame or incandescent body. Do not spray close to fire, heat surfaces or electric equipment. Handle in compliance with the health and safety regulations and only in well ventilated areas.

**Storage:**

Protect from direct sunlight. Keep away from sources of ignition. Do not expose to temperatures exceeding 50°C

**Suitable packaging materials:**

Not applicable.

**8. CONTROL OF EXPOSURE / INDIVIDUAL PROTECTION**

## Technical measures:

Use only in well ventilated areas.

## Health measures:

Do not eat, drink or smoke during its use.

## Work exposure measures:

No exposure problems are likely to occur in normal usage conditions.

VLA-D (butane): 800 ppm

REL (NIOSH) TWA (propane): 1000 ppm

VLA-E (butane): 1955 ppm

TWA (ExxonMobil): 1400 mg/m<sup>3</sup> (326 ppm)

## Personal protection equipment:

No specific personal protection equipment is required, except if the product is frequently used in the workplace and there is any suspect that the exposure limits may be exceeded. Use of rubber gloves recommended.

**9. PHYSICAL-CHEMICAL PROPERTIES**

Aspect	spray
Odour	characteristic
Specific gravity	0.75 g/ml
Container pressure	4 bar (20° C) 8 bar (50° C)
Flammability	extremely flammable
Flammability temperature	-82.7°C (Propellant: LPG)
Explosive properties:	Butane explosion limits 1,9 – 8.5 %

**10. STABILITY AND REACTIVITY**

## Stability:

Stable under normal conditions.

## Materials to be avoided:

Not applicable.

## Conditions to be avoided:

Keep away from sources of ignition or heat.

## Hazardous decomposition products:

Carbon monoxide (CO)

**11. TOXICOLOGICAL INFORMATION**

## Oral:

Aspiration and ingestion are not foreseeable routes of entry.

## Skin:

No sensitizing effects known.

## Inhalation:

CL<sub>50</sub> 52 mg/kg/1 h (LPG). LPG is a simple asphyxiant gas, due to the displacement of the air oxygen. It may cause adverse effects on the central nervous system.

**12. ECOLOGICAL INFORMATION**

LPG does not present relevant risks of aquatic or land contamination under normal usage conditions. Propane, butane and isobutane are common air pollutants in urban areas.

The manufacturer has established a risk level 3 for liquid oil (self-classification): very dangerous for water. The slightest amount of oil represents a danger for drinking water.

**13. CONSIDERATIONS REGARDING DISPOSAL**

## Methods of disposal:

Disposal in compliance with local regulations.

**14. INFORMATION REGARDING TRANSPORT**

UN Number	1950
AEROSOLS, flammable	
Land-road/railway	
ADR/RID Class	2, 5F
Sea	
IMDG Class:	2
FEM	F-D, S-U
Air	
IATA-DGR Class:	2

**15. INFORMATION REGARDING THE REGULATION**

## EC Regulations

EC Classification (67/548/EEC-88/379/EEC):  
Extremely flammable.

## Risk phrases

R12 Extremely flammable.

## Safety phrases

S1/2: Keep locked up and out of reach of children.  
S9: Keep container in a well-ventilated place (recommended).  
S16: Keep away from sources of ignition – No smoking.  
S23: Do not breathe spray  
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S51: Use only in well-ventilated areas.  
S24/25: Avoid contact with skin and eyes (recommended).

## In compliance with EC Directive

IMPORTANT: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50° C. Do not pierce or burn, even after use. Do not spray towards a flame or incandescent body. Do not inhale directly. Always use following the container instructions (optional).

**16. ADDITIONAL INFORMATION**

The information marked with (\*) is new or has been changed with respect to the previous sheet.

## Legislation:

R.D. 255/2003; Directive 67/548/EEC; Directive 1999/45/CE; Directive 2001/58/EC

In compliance with Regulation (EC) No. 1907/2006 (REACH), Annex II, 1272/2008 and 453/2010.

The information herewith is based on our present knowledge; it does not represent any guarantee of the properties. In any case, it is the user who must determine the applicability or suitability of this information to his specific needs.