



SAFETY DATA SHEET

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Version 05

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name **Caddet**
Product code(s) 04.0.40

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

Recommended use Emulsifiable mineral oil

1.3. Details of the supplier of the safety data sheet

GULF OIL ARGENTINA S.A.

Belisario Roldán 2601 (B1738EEY) La Reja - Moreno - Pcia de Buenos Aires - Argentina

info@gulfoil.com.ar

(54) 0237 463-3331

1.4. Emergency telephone number

(+) 1 866 519 4752 Code 334276

SECTION 2: HAZARDS IDENTIFICATION

No special hazard identification is needed for this mixture.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances / 3.2. Mixtures

This product is a mixture, Health hazard information is based on its ingredients.

Chemical name	CAS-No	Weight %	Comercial secret
Paraffinic mineral oil	64742-55-8	90-99	*
Tensioactive agent	9002-92-0	1-10	*

* The exact percentage (concentration) of the composition is considered confidential

SECTION 4: FIRST AID MEASURES

4.1. Description of first-aid measures

General advice	If symptoms persist, call a physician.
Inhalation	Move to fresh air.
Skin contact	Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use.
Eye contact	Rinse carefully with plenty of water for 15 minutes. Seek medical advice.
Ingestion	Clean mouth with water. Drink plenty of water. Do not induce vomiting without medical advice.
Protection of First-aiders	Use personal protective equipment.

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

Main Symptoms None

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

Notes to physician Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment: use CO₂, dry chemical, or foam, Water spray or fog, Cool containers /tanks with water spray.

Extinguishing media which shall not be used for safety reasons

Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Special Hazard

Water runoff can cause environmental damage. Thermal decomposition can lead to release of irritating gases and vapors. Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke). In the event of fire and/or explosion do not breathe fumes. This material creates a fire hazard because it floats on water. Combustible material.

Hazardous Descomposition Products

Incomplete combustion and thermolysis produces potentially toxic gases such as carbon monoxide and carbon dioxide.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Ensure adequate ventilation.

Advice for non-emergency personnel Material can create slippery conditions.

Advice for emergency responders For personal protection see section 8.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.

6.3. Methods and materials for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Dike to collect large liquid spills.

6.4. Reference to other sections

See section 8/12/13 for additional information.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Ensure adequate ventilation. Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition.

Incompatible Materials

Oxidizing agents.

7.3. Specific end uses

Recommended use Emulsifiable mineral oil.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Exposure Limit Values: Have not been established. Use in well ventilated zones.

8.2. Exposure controls

Engineering Measures

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye protection Safety glasses with side-shields.

Hand protection Protective gloves.

Skin and body protection Long sleeved clothing

Respiratory protection No special protective equipment required. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

Hygiene measures	Do not eat, drink, smoke or take medications during use. After work and during periods of rest, wash the affected skin areas thoroughly.
Thermal hazards	None under normal use conditions.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state @20°C	liquid	Appearance	Clear brilliant
Odor	Hydrocarbon-like	Odor Threshold	Not applicable

Property	Values
Density 15°C	0.86 g/ml
Boiling Point/boiling range	<316°C.
Melting Point	-12°C
Flash Point	>204°C
Viscosity a 40°C	20 cSt
Water Solubility	Emulsifiable

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

None under normal use conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal use conditions.

10.4. Conditions to avoid

Heat, flames and sparks, Keep away from open flames, hot surfaces and sources of ignition.

10.5. Incompatible materials

Oxidizing agents.

10.6. Hazardous decomposition products

Incomplete combustion and thermolysis produces potentially toxic gases such as carbon monoxide and carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Compound name	Paraffinic oil.
DL50 acute oral in mice/rats	>3000 mg/Kg.
DL50 dermal acute in rabbits/mice	>4000 mg/Kg.
CL50 acute inhalation in rats	>7.02 mg/L analytical concentration and 8.04 mg/L nominal.
Skin irritation	Not expected to be a primary skin irritant. Prolonged or repeated exposure can cause dermatitis.
Ocular irritation	Not irritant.
Skin sensitization	Not sensitizing.

Aspiration hazard	Practically non-toxic under normal conditions of use. May cause respiratory irritation from prolonged or repeated inhalation of excessive vapors or oil mist.
Ingestion	Virtually non-toxic if small doses are ingested. Large amounts can cause nausea and diarrhea.
Chronic toxicity	may cause dermatitis in case of repeated overexposure.
Carcinogenicity	Not carcinogenic.

In any poisoning occurs communicate with:
Centro Nacional de Intoxicaciones
Hospital Nacional 'Prof A. Posadas'
Te: (011) 4658-7777 / 4654-6648

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

CL50 in fish	>100 mg/L.
CL50 en aquatic invertebrates (Daphnia magna)	3.78 mg/L.
DL50 oral in birds	>2000 mg/Kg.
DL50 in bees	>2000 mg/Kg.
CE50 in agae	19.6 mg/L.
Persistence and degradability	intrinsically biodegradable.
Bioaccumulative potential	No information available.
Mobility in soil	The product is emulsifiable in water

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from Residues / Unused Products	Dispose of as hazardous waste in compliance with local and national regulations.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Observe all label precautions until container is cleaned, reconditioned or destroyed.

SECTION 14: TRANSPORT INFORMATION

14.1. UN Number

Not regulated.

14.2. UN proper shipping name

Not regulated.

14.3. Transport hazard class

Not regulated.

14.4. Packing group

Not regulated.

14.5. Environmental Hazards

None.

14.6. Special precautions for users

None.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Not applicable

IMDG/IMO Not regulated.**ADR/RID** Not regulated.**SECTION 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Etiquetado EC	No clasificado
EINECS	All components are in compliance with the seventh amendment to EC directive 92/32 / EEC.
Canadá	In accordance (DSL).
SARA-USA	Sections 311 y 312, risk rating: None.
US TSCA	In accordance.
AICS	In accordance.
OSHA	Not classified as dangerous, according to OSHA 29 CFR 1910.1200.

15.2. Chemical safety assessment

No information available.

SECTION 16: OTHER INFORMATION**Product information:** For specifications or data sheet, contact local seals representative.**Glossary:**

DL50	Medium lethal dose.
RID	Regulations for de international transport by train of dangerous materials.
ADR	European Agreement for the International Road Transport of Hazardous materials.
DoT 49 CFR	US Department of Transportation Code 49 of Federal Regulations.
ADNR	Regulations for de transport by Rin River of dangerous materials.
IMDG	International maritime code for hazardous materials.
ICAO-TI	International civil aviation organization, technical instructions.
IATA-DGR	International Air Transport Association, Hazardous Materials Regulations.

The information provided in this Safety Data Sheet is the most correct that we have at the date of its publication. The information provided is intended only as a guide for safe handling, use, processing, storage, transportation, disposal, and discharge, and should not be construed as a guarantee or specification of quality. The information refers only to the specified material, and cannot be valid for said material, used in combination with other materials or in any process, unless it is indicated in the text.