



SECTION 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE COMPANY

1.1 Product: MAKOil
7030 1.2 Description: Semi-synthetic
Coolant 1.3 CAS No.:
64743-00-3 1.4 Other
names: Not applicable. 1.5 Relevant uses: For
machining and grinding. 1.6 Supplier: E2
Servicios
Ambientales SA de CV. Address Saltillo #614, Col.
Las Encinas, General
Escobedo, N.L. Emergency

telephone numbers 81
1479 6054 / 81 2088

1799 EMAIL:

alvarom@e2seamsa.com alvaromosza@gmail.com HEALTH EMERGENCY: Contact the

local health authority/TRANSPORTATION EMERGENCY: (SETIQ) 01 800 00 214 00.

SECTION 2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

This mixture is not considered
hazardous. According to Regulation (EC) No 1272/2008: Skin irritation or corrosion,
Category 1. According to European Directive 67/548/EEC, as amended.

2.2 Label elements

Pictogram





Signal word: Warning Hazard

statement(s) H319:

Causes severe eye irritation.

Precautionary statement(s):

P280: Wear protective gloves/protective clothing/eye

protection/face protection. P305/351/338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER or a doctor. Hazard symbol(s)

R-phrases(s)

R36/37: Irritating to eyes

and

respiratory tract. S-phrases(s) S22: Do not

breathe

vapors S25: Avoid

contact with eyes.

2.3 Other

Hazards None of the components of this product are listed as carcinogenic agents. carcinogénicos.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Chemical identity: Semi-synthetic Coolant

3.2 Composition:

INGREDIENT	FORMULATION	(%P)
CAS No.	80-90	64743-00-3
Aceite mineral derivado del petróleo		

SECTION 4. FIRST AID MEASURES

4.1 Necessary measures according to the means of exposure General information



Immediately remove contaminated clothing and follow safety measures when providing first aid. Eyes:

Wash with plenty of clean water for 15 min. Call a doctor for examination if irritation persists. Skin:

Wash with plenty of water and then with a soapy solution. Discard contaminated clothing and wash before reuse.

Inhalation: Move the affected person to a ventilated area. Seek medical

attention. Ingestion: If a significant amount is swallowed, do not induce vomiting and seek medical attention.

4.2 Most important symptoms and effects, acute and delayed

No information available.

4.3 Indication of immediate medical attention or special treatment (Note to physicians)

Overexposure may cause eye irritation. Ingestion may cause gastrointestinal irritation; symptoms are nausea, vomiting, loss of appetite, abdominal pain, diarrhea, diarrhea.

SECTION 5. FIREFIGHTING MEASURES

5.1 Suitable (unsuitable) extinguishing media: This product would have to be dehydrated to become flammable; therefore, use the appropriate fire extinguishing media for the material that is burning. quemando.

5.2 Specific hazards arising from the chemical: Non-combustible product. In case of fire, carbon oxides may be released from incomplete combustion of carbon compounds.

5.3 Special protective equipment and precautions for firefighting equipment: No special protective equipment is required; use safety equipment appropriate for fire situations. Cool exposed tanks with water.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures: Use ropa y el equipo de protección personal recomendado, guantes, botas



rubber suit (do not use cotton or leather), ventilate the area, do not touch the spilled product. Stop the leak if possible; build a sand dike.

6.2 Environmental precautions: Do not discharge the product into drains.

6.3 Methods and materials for containment and cleaning up: Isolate and evacuate the area, contain the spill with absorbent material, sand or dry soil, collect it in a plastic container, and store it; then wash the affected area and all tools used. For disposal, comply with government regulations. Wash thoroughly.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling: Keep emergency equipment readily available. Personnel must be properly trained in the safe handling of the product. Avoid contact with skin, eyes and clothing. When preparing the working solution, ensure good ventilation. Do not breathe vapors or mist.

7.2 Conditions for safe storage: Containers must be properly labeled. Store in dry, well-ventilated areas, away from heat and incompatible materials. Storage stability approximately 2 years.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Occupational or biological exposure limits ACGIH TLV: 2 mg/m³ máximo como petróleo sulfonato

(aproximadamente 8

H.). 8.2 Appropriate engineering

controls The work area and procedures should be designed to prevent direct contact with the product and inhibit liquid and/or splashing. Use existing ventilation in case of mist. Natural ventilation is adequate in the absence of mist.

8.3 Individual protection measures:

Personal protective equipment:

Respiratory protection: In case of insufficient ventilation, use appropriate respiratory protection

equipment (NIOSH/OSHA). Skin: Rubber gloves, special boots, gown or coveralls.



Eyes/Face: Safety glasses with side shields. Use a face shield if there is a possibility of splashing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physicochemical information on the substance Physical state:

Opalescent

liquid Color:

Brown Odor: Characteristic pH

de la solución al 5.0%: 9.60

Gravedad Especifica (g/mg): 1.035

Reactivity with water: None Flash

point: None pH of pure

product: 10.14 Flammability:

None. Flammability limit: Not

applicable Water solubility: Completely soluble

(100.0%) Vapor density: Not available in the

literature. Specific density: N/A

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity: No information available.

10.2 Chemical stability: This product is completely stable under normal pressure and temperature conditions.

10.3 Posibilidad de reacciones peligrosas: No ocurren reacciones peligrosas.

10.4 Conditions to avoid: Expose the product to oxidizing agents that may generate exothermic reactions.



10.5 Incompatible materials: Oxidizing materials that may generate exothermic reactions.

10.6 Hazardous decomposition products: Carbon monoxide and carbon dioxide

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Oral: Data not available

Inhalation: This product is not considered toxic

Skin: May cause irritation if contact is continuous

Eyes: May cause moderate to severe irritation with tearing and pain. Sensitization: This material does not cause sensitization.

Chronic toxicology Exposure limits: Data

not available. Toxicity: Data not available.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Ecotoxicidad: Sin Informacion Disponible.

12.2 Persistencia / Biodegradabilidad: Material Biodegradable.

12.3 Bioaccumulation potential: The product is not expected to bioaccumulate.

12.4 Mobility in soil: Liquid, 100% soluble in water; if it enters the soil it will be absorbed.

12.5 Resultados de PBT y vPvB: No disponible.



12.6 Other adverse effects: No additional information..

SECTION 13. DISPOSAL CONSIDERATIONS

PRODUCTOS

13.1 Information on waste disposal: Waste, residues, unused products: Dispose of in accordance with federal, state and local regulations. Contaminated packaging: Rinse containers with water and use it to prepare the working solution. May be confined or incinerated in accordance with local regulations. locales.

SECTION 14. TRANSPORT INFORMATION

14.1 UN No.: Not applicable.

14.2 DOT: Not applicable.

14.3 Transport hazard class: Not applicable.

Land: ADR-RID/SCT label: Not classified as hazardous material. Air: ICAO/IATA label: Not classified as hazardous material. Sea: IMO-IMDG label: Not classified as hazardous material. Required transport label: None.

14.4 Packing group: Not applicable.

14.5 Environmental hazards: Not applicable.

14.6 Bulk transport: Non-toxic / Non-combustible. Not considered a hazardous material under transport regulations.

14.7 Special precautions for the user: The product is transported in 1,000-liter totes which must be perfectly closed and leak-free and identified with: product name, lot number and NFPA code. RCRS status: Not a hazardous waste. peligroso.



SECTION 15. REGULATORY INFORMATION

15.1 Regulations and legislation on safety, health and environmental matters specific to the substance or mixture

Labeling in accordance with EU directives

Hazard symbol: Xi (irritant)

Contains: Mineral oil derived from petroleum.

UN No.: Not applicable. IENECS

No.: Not applicable. CAS No.: Not applicable.

15.2 Chemical safety assessment:

R-phrases: R 36/37/38 Irritation of eyes, skin and respiratory system. S 26 In case of contact with eyes, rinse immediately with plenty of water; medical attention is advisable S 28 After contact with skin, wash immediately with plenty of water. S 36/37/39 Wear suitable protective clothing, gloves and a face shield.

SECTION 16. OTHER INFORMATION

16.1 Identification of changes

Publication date: Jan. 2013

Revision date: Jan. 2016

Next revision date: Jan. 2017

16.2 Abbreviations and

acronyms ACGIH: American Conference of Governmental Industrial Hygienists. CAS #: Chemical Abstracts

Service Number. CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act.

CFR: Code of Federal Regulations.

DOT: Department Of Transportation.

IATA: International Air Transport Association. IARC:

International Agency for Research on Cancer. ICAO: International Civil Aviation Organization.



IDLH: Immediately Dangerous to Life and Health, (Valor inmediatamente peligroso para la vida o la salud). Efectos agudos y crónicos; efectos especiales en el organismo **IMDG:** International Maritime Code for Dangerous Goods. (igual al IMCO) **IMCO:** Intergovernmental Maritime Consultative Organization. **LC50:** The Concentration of Material in air expected to kill 50% of a group of test animals. Concentración letal por inhalación. **LD50:** Lethal Dose expected to kill 50% of a group of test animals. Dose expected to kill 50% of a group of test animals. **NFPA:** National Fire Protection Association. **NIOSH:** National Institute for Occupational Safety and Health de E.U. **NTP:** National Toxicology Program. **OSHA:** U.S. Occupational Safety and Health Administration. **PEL:** Permissible Exposure Limit. **RCRA:** Resource Conservation and Recovery Act. **TDG:** Transportation of Dangerous Goods Act/Regulations. **TLV:** Threshold Limit Value. (Threshold limit value in the workplace). **TSCA:** Toxic Substances Control Act. **TWA:** Time - Weighted Average, Limite de concentración promedio para un día normal de trabajo. **UN:** United Nations number. **TDL:** Limiting dose toxicity. **TDLo** (toxic dose, lower): Minimum reported dose that caused toxic effects. **S-phrases:** They indicate how products should be handled or what should be done

Frases de seguridad. Purpose: They provide additional information about the type of hazard posed by a substance



16.3 NFPA Code:

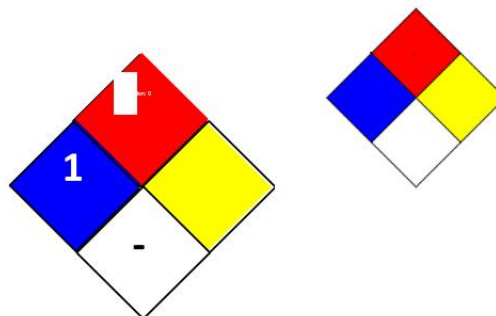
HMIS AND NFPA

SAFETY:

FLAMABILIDAD: 0

REACTIVIDAD: 0

OTROS: -



16.4 Other

information: Text of H codes and R-phrases mentioned in Section 2

The safety data sheet complies with:

Requirements of Regulation (EC) No.

1907/2006.

NMX-R-019-SFI-2011 OSHA requirements (Hazard Communication Standard) 29 CFR 1910.1200

The data provided in this safety data sheet are based on our current knowledge.

They describe only the safety measures for handling this product and do not constitute a guarantee of the properties described herein.