

SAFETY DATA SHEET

eOx® Aircraft Hydraulic Fluid Remover

Section 1. Identification of the substance or mixture and of the supplier

GHS product identifier eOx® AHFR "Aircraft Hydraulic Fluid Remover"

Other means of Identification Not available.

Relevant identified uses of the substance or mixture.
Cleaning of hydraulic fluid remover from Aircraft and Helicopter.

Supplier's details RPM Technology, LLC
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Section 2. Hazard identification

Classification of the substance or mixture: Not a hazardous substance or mixture.

GHS Label elements, including precautionary statements: Not a hazardous substance or mixture.

Section 3. Composition/information on ingredients

Ingredient	CAS	Percent
2-Ethylhexyllauraat	20292-08-4	≤ 35 %
Propane-1,2-diol	57-55-6	≤ 3 %

Section 4. First aid measures

Contact with the eyes Look for the presence of contact lenses and remove them. Rinse the eyes with opened eyelid long enough (minimum 15 minutes) with lukewarm water if possible. If irritation persists, consult a (eye-) doctor. (Keep on rinsing if possible)

Contact with the skin In case of contact wash with water and soap. With large quantities remove contaminated clothing, rinse skin with plenty of water or shower. Wash garment before using again.

Ingestion DO NOT INDUCE VOMITING Rinse mouth with water Loosen tight fitting clothes, such as shirt, collar, necktie or belt. Consult a doctor immediately.

Inhaling aerosol or vapor in high concentrations Bring person in fresh air, keep warm and relaxed. In case of lasting irritation consult a doctor.

Section 5. Fire-fighting measures

Suitable extinguishing media	CO ₂ , foam, extinguishing powder, at larger fires also water spray.
Unusual fire/explosion hazards	In a fire, toxic and corrosive fumes can release. Not suitable direct water jets
Protection of fire fighters	In the immediate vicinity of the fire use a self-contained breathing device.

Section 6. Accidental release measures

Personal precautions	Monitor wearing appropriate personal protective equipment during the cleanup of a spill or release of the liquid in large quantities. Safety glasses against splashes, boots, protective clothing and gloves.
Environmental precautions	Avoid release into sewers or drain on surface water or souterrains.
Cleaning Methods	Stop leak if safe to do so. Absorb with dry soil, sand or other non-flammable material. Collect the waste product in suitable containers for waste disposal.

Section 7. Handling and storage

Handling	The usual precautionary measures when handling chemicals should be respected. Care for an eye wash and safety shower nearby.
Storage	Keep closed packages in a cool and well-ventilated place. Store frost free. Not in direct sun light

Section 8. Exposure controls/personal protection

Technical measures	Make sure eye washes and safety showers are near the work place
Exposure limit value	No applicable exposure limits were determined
Occupational Hygiene	When you are working do not eat, drink or smoke. Wear personal protective equipment.
Mouth-nose protection	Required on not enough ventilated work areas
Skin and body	Wear suitable protective clothing (overall, preferably thick cotton or disposable protective clothing), gloves and eye/face protection. Chemical-resistant shoes. Take off immediately all contaminated clothing. Store working clothes separate.
Hands	Neoprene or PVA is recommended. Wash your hands at the end of work and before work breaks. In case of repeated or long-term use do not wear thin disposable gloves
Eyes	Wear full face shield if splashing is possible. Safety glasses and face shield. Use an eye shower and/or rinse your eye

Section 9. Physical and chemical properties

Physical state	Liquid
Color	Colorless
Odor	Characteristic
pH	> 6 - < 8
Boiling point	--
Flash Point	--
Upper Limit	--
Lower Limit	--
Vapor Pressure	--
Relative density	+ 0,87
Solubility in water	n.a.
Viscosity	n.a.
Vapor Density	n.a.
Self-ignition temperature	> 100°C

Section 10. Stability and reactivity

Stability	Stable
Conditions to avoid	Keep frost-free
Storage together with other substances	--
Hazardous decomposition products	Not likely at recommended storage and normal industrial use.

Section 11. Toxicological information

Acute toxicity: LD50 (oral,	Not determined
The following reviews of health hazards is based on an assessment of the different components of the product	
Effects on the eyes	Product can be corrosive to the eyes. Symptoms: redness, pain, poor vision
Effect on the skin	Product can be corrosive to the skin. Symptoms: redness, pain
Inhalation	The product may cause irritation to the respiratory organs Symptoms: Coughing, shortness of breath, sore throat
Ingestion	Symptoms: Burning pain in the mouth, throat, oesophagus and stomach. Abdominal cramps, vomiting, diarrhoea
Chronic toxicity	With repeated and intensive skin contact chance on skin disorders

Section 12. Ecological information

Eco toxicity	Toxic for water organism 1000 mg/L LC50 96h.(trout)
Mobility	No data
Persistence and degradability	No data

Bio accumulative potential

No data

Other harmful data

Do not let product come on the surface water undiluted.

Section 13. Disposal information

Waste

Dispose waste and empty packaging in accordance with statutory requirements through an approved disposal.

Eural code for waste processing

For this product a waste code number in accordance with the European waste catalogue cannot be granted, since only the intended user makes classification possible. The waste code number should be assigned in consultation with the local disposal.

Empty packaging

Removal as waste according to local and national prescriptions

Section 14. Transport information

Classification as for road transport

UN number

None

ADR class

No dangerous goods

Proper shipping name

Hazards Identification

Packing Group

ADR label

Classification as ICAO/IATA material for air transport

UN number

None

Proper shipping name

No dangerous goods

IATA Class

Class

ICA/IATA label

Classification as IMDG material for sea transport

UN number

None

Proper shipping name

No dangerous goods

Hazards Identification

Packing Group

IMDG label

EmS:

Marine pollutant:

No

Section 15. Regulatory information

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

Propane-1,2-diol

CAS-No.

57-55-6

Revision Date

2007-03-01

New Jersey Right To Know Components

Propane-1,2-diol

CAS-No.

57-55-6

Revision Date

2007-03-01

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16. Other information including information on preparation and revision of the SDS

Hazardous Material Information System (U.S.A.)

Health: 1 Flammability: 1 Physical hazards: 0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA).

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (U.S.A.)

Health: 1 Flammability: 1 Instability: 0

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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

History

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Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.