Conforms to HazCom 2012/United States

SAFETY DATA SHEET

eOx® AeroTech 2000

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

GHS product identifier eOx® AeroTech 2000

Other means of None

Identification

Relevant identified uses of the substance or mixture: Multifunctional intensive cleaner / degreaser

Supplier's details RPM Technology, LLC

P.O. Box 33186

Reno, NV 89533

Tel: +1-775-473-6208

Toll Free: Tel: +1 866 271-8766

Fax: +1-775-323-7595

Emergency Contact 24/7: ChemTel, Inc., Contract Number: MIS5861969

For U.S., Canada, Puerto Rico, & U.S. Virgin Islands: +1 (800) 255-3924

Outside North America: +1 (813) 248-0585

|  |
| --- |
| 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.

P280: Wear protective gloves/protective clothing/eye protection/face protection

P302+P352: IN CASE OF CONTACT WITH THE SKIN: wash with plenty of water and soap.

P305+P351+P338: IN CASE OF CONTACT WITH THE EYES: rinse cautiously with water for several minutes; Remove contact lenses

P337+P313: Consult a doctor: If eye irritation persists.

P501: Dispose of contents/container to an approved waste disposal plant.

Hazards not otherwise classified (HNOC) or not covered by GHS – none

|  |
| --- |
| Section 3. Composition/information on ingredients |

|  |  |  |
| --- | --- | --- |
| Ingredient | CAS | Percent |
| Sodium hydroxide, solution | 1310-73-2 | < 0.1 % |
| Detergent C9-11 ethoxylate | 68439-46-3 | < 2% |
| Sodium metasilicate pentahydrate | 10213-79-3  | >0.1% |

|  |
| --- |
| 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 Rinse mouth with water and give two glasses of water to drink. (Never give an unconscious to drink because of risk of choking) Loosen tight fitting clothes, such as shirt, collar, necktie or belt. If large quantities are swallowed consult a doctor immediately.

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

|  |
| --- |
| Section 5. Fire-fighting measures |

Suitable extinguishing media: Product is not flammable, all extinguishing media allowed like a.o. CO2, foam, extinguishing powder, water spray or water spray at larger fires also Jet.

Unusual fire/explosion hazards: Not classified as flammable. In a fire, toxic and corrosive fumes can release.

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.

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.

Storage together with other Keep separate from acids

Substances:

|  |
| --- |
| 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 ca. 11.5

Boiling point --

Flash Point --

Upper Limit --

Lower Limit --

Vapor Pressure --

Relative density 1.01

Solubility in water Fully

Viscosity n.a.

Vapor Density n.a.

Evaporation Rate --

|  |
| --- |
| Section 10. Stability and reactivity |

Stability Stable

Conditions to avoid Keep frost-free

Storage together with other substances: Keep separated from acids

Hazardous decomposition products: Not likely at recommended storage and normal industrial use.

|  |
| --- |
| Section 11. Toxicological information |

Acute toxicity: LD50 (oral, rat) 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, esophagus and stomach. Abdominal cramps, vomiting, diarrhea

Chronic toxicity With repeated and intensive skin contact chance on skin disorders

|  |
| --- |
| Section 12. Ecological information |

Eco toxicity Not exactly, at similar products greater than 500 mg/kg

Mobility No data

Persistence and degradability Biodegradability is 90% CECD303A > cfm Couple Unit test

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.

Empty packaging Removal as waste according to local and local requirements.

|  |
| --- |
| 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

|  |
| --- |
| Section 15. Regulatory information |

U.S. Federal regulations : United States inventory (TSCA 8b): All components are listed or exempted.

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:

None

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 |

eOx Aircraft Cleaner (AC) conforms with the following specifications:

* BOEING D6-17487 Revision L, exterior and general cleaners and liquid waxes.
* Douglas Aircraft company customer service document CSD#1, general purpose cleaner.
* Aerospace Material Specification 1550, Cleaner for interior materials of aircraft, biodegradable, water-base.

List of relevant R- and H- phrases from section 2 and 3 :

H290 May be corrosive to metals

H314 Causes severe skin burns and eye damage

H318 Causes serious eye damage

H335 May cause respiratory irritation

R34 Causes buns

R35 Causes serve burns

R37 Irritating to respertory system

R38 Irritating to skin

R41 Risk of serious damage to eyes

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

Health: 0 (d) 1 (c)

Flammability: 0

Physical hazards: 0

 (d = diluted, c = concentrate)

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: 0 (d) 1 (c)

Flammability: 0

Instability: 0

 (d = diluted, c = concentrate)

Reprinted with permission from NFPA 704-2001, Identification of the Hazards of Materials for Emergency Response Copyright ©1997, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety.

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

Date of issue mm/dd/yyyy: 04/16/2018

Previous Version: 02/12/2017

Revised Section(s): 1

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.