



SPECIAL (W - OX - ACID.)

BRAKE FLUID DOT 3

SAFETY DATA SHEET (SDS)

1. IDENTIFICATION OF THE PRODUCT AND COMPANY

HS CODE: 3824.99.92.70

Name: BEX DOT 3 Brake Fluid
Producer: BEX Products, Inc
Emergency Tel.: + 1 702 780 5050
Fax Tel.: + 1 402 651 1969

Chemical Name:
Commercial Name: BEX Premium DOT 3 Brake Fluid
Address: 1023 New Creek Ave
Henderson, NV 89015
Web: www.bexoil.com

Relevant identified uses of the Substance or mixture: Brake fluid.

2. HAZARDS IDENTIFICATION

OSHA/HCS status: The material is considered hazardous according to regulatory guidelines.

Substance/mixture: This product is a mixture.

Classification of the substance or mixture: Flammable liquid. Category 3.
Skin corrosion/irritation. Category 2.
Cause eye irritation. Category 2A.

GHS label elements

Hazard pictograms:



Signal word: DANGER!

Hazard statements:
H226 Flammable liquid and vapor.
H315 Causes skin irritation.
H335 May cause respiratory irritation.
H402 Harmful to aquatic life.



Precautionary statements:

P210	Keep away from heat/spark/open flames/ hot surfaces. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P262	Do not get in eye, on skin, or on clothing.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear eye protection / face protection.
P301 + P310	IF SWALLOWED: Call a POISON CENTER or doctor / physician immediately.
P332 + P313	If skin irritation occurs: Get medical advice / attention.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310	IF IN EYES: Immediately call a POISON CENTER or doctor / physician.

Hazards not otherwise

Classified: Static accumulating liquid can become electrostatically charged even in bonded and grounded equipment. Spark may ignite liquid and vapor. May cause flash or explosion. Persons with severe skin, liver, or kidney problems should avoid use.

HEALTH RISKS May cause irritation, mild discomfort and redness to the eye may result.

Eye Contact: Mildly irritating. Severe or prolonged contact may result in local redness or swelling.

Skin Contact: Vapors or aerosols may be irritating to the respiratory system. Severe contact may result in headache, nausea or drowsiness.

Inhalation:

Ingestion: Harmful or fatal if swallowed. It causes abdominal pain, nausea and vomiting. It can cause affecting the central nervous system, depression.

EFFECTS OF LONG-TERM EXPOSURE (CHRONIC):

Carcinogenesis: This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA, or ACGIH, as of this date, greater or equal to 0.1%.

Teratogenicity and

Embryotoxicity: Not determined.

Mutagenesis: Not determined



3. COMPOSITION / INFORMATION OF THE INGREDIENTS

Substance/mixture: This product is a mixture

CAS number/other identifiers:

<u>INGREDIENTS</u>	<u>WT.%</u>	<u>CAS#</u>
Ethylene Glycol Glycols	<90	07-21-1
Corrosion Inhibitors	1-10	29385-43-1

Specific chemical identity, CAS numbers and exact concentrations have been withheld as a trade secret.

4. FIRST AID

Take proper precautions to ensure your own health and safety before attempting rescue or providing first aid. For more specific information, refer to Exposure Controls and Personal Protection in Section 8 of this SDS.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if symptoms occur.

Skin Contact: Immediately flush with plenty of water for at least 15 minutes. After contact with skin, wash immediately with plenty of soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse (Discard contaminated shoes.). Get medical attention if symptoms occur.

Inhalation: Remove exposed person to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. CALL A PHYSICIAN IMMEDIATELY.

Ingestion: Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

5. FIRE FIGHTING MEASURES

Autoignition Temperature: Not determined.

Flash Point: >275°F (>135°C)

Appropriate Extinguishing Media: Water fog, foam, Carbon Dioxide (CO₂), and Dry Chemical. Do not use direct spray of water.

Inappropriate Extinguishing Media: Straight Streams of Water.

Fire Fighting Instructions: Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.



Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

For large storage fires involving this material do not enter any enclosed or confined space without full protective equipment including self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products, and oxygen deficiencies.

6. MESURES IN CASE OF AN ACCIDENTAL SPILL

Personal Precautions: Put on appropriate personal protective equipment (see section 8). Provide adequate ventilation.

Spill Management: Small Spill: Eliminate source of ignition. Absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Avoid breathing vapor or mist.

Large Spill: Eliminate source of ignition. Prevent entry into sewers, water courses, basements or confined areas. May require pump or vacuum to get the most of the spill prior to absorbent. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Avoid breathing vapor or mist. Provide adequate ventilation.

Environmental Precautions: Large Spills: Dike far ahead of liquid spill for later recovery and disposal. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). May require removal of severely contaminated soil.

Waste Disposal Method: Place contaminated material in disposable containers. Material must be disposed of in accordance with Federal, State, and Local regulations. Contact the RCRA Superfund Hotline directly, a regional US EPA office, or an authorized waste management facility to provide guidance concerning case specific disposal issues.

7. HANDLING AND STORAGE

Handling: Put on appropriate personal protective equipment. Avoid contact with used product. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Avoid contact with eyes, skin and clothing. Empty containers retain product residue and can be hazardous. Do not reuse container. Keep away from oxidizers, heat and flames.



Storage: Store in a cool ventilated area below 120°F/49°C. Store large amounts in structures made for OSHA Class III liquids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Environmental Exposure control: Ventilate to keep vapors of this material below 20 ppm. If over TLV, in accordance with 29 CFR 1910.134, use NIOSH approved positive-pressure, self-contained breathing apparatus. Consult safety equipment supplier. Use Explosion Proof Equipment.

Eye Protection: Safety eyewear should be used when there is a likelihood of exposure. Not required under normal conditions of use. Recommended: Face shield or goggles.

Hand Protection: Use gloves appropriate for work or task being performed. Not required under normal conditions of use. Recommended: Impervious protective gloves of Viton or nitrile rubber

Respiratory Protection: Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Not required under normal conditions of use. If exposure limits are exceeded use a NIOSH approved respirator. Self contained breathing apparatus is recommended for entry into confined spaces or other poorly ventilated areas and for large spill clean-up sites.

Body Protection: No special protective clothing is required under normal conditions of use. Where spills and splashes are possible, wear appropriate oil impervious protective clothing. Clean water should be available in work areas for flushing the eyes and skin.

VENTILATION:

Local Exhaust:	Necessary
Mechanical:	Acceptable
Special:	None

PERSONAL PROTECTIONS:

Wear OSHA Standard goggles or face shield. Consult safety equipment supplier. Wear gloves, apron, and footwear that are impervious to this material. Wash clothing before reuse.



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Color	Texture	Smell	pH	Boiling Point °C (°F)	Flash Point C.O.C. °C (°F)	Specific Gravity at 15.6°C	Freezing Point °F	Solubility in water
Liquid	Yellow	Not determined	Mild	10.0-11.5	249°C (480°F)	>135°C >275°F	1.000-1.070	Not determined	Complete

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Hazardous Decomposition Products: Not determined.

Conditions to Avoid: Isolate from oxidizers, and high oxygen concentrations.

Materials Incompatibility: Isolate from strong oxidizers such as permanganate, chromate, and peroxides.

Hazardous Polymerization: Not expected to occur.

11. TOXICITY INFORMATION

Product is not reported to cause adverse health effects from occupational or incidental exposure. It is deemed to be of low toxicity, with the exception of mild irritant possible. Eye and skin irritant is expected.

Carcinogenicity: This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA, or ACGIH, as of this date, greater or equal to 0.1%.

12. ECOLOGICAL INFORMATION

Environmental Fate and Distribution: Consequences from exposure to aquatic life have not been determined yet. Releases to bodies of water should be refrained from and authorities should be notified in any event of release.

13. DISPOSAL CONSIDERATIONS

Use may cause this material to become a hazardous waste. It is the responsibility of the user to determine if the material is a hazardous waste at the time of disposal. Transportation, handling, storage and disposal of waste material must be performed in compliance with all regulations, laws, regulations and rules applicable to disposal. Do not allow to reach sewage system.



14. TRANSPORT INFORMATION

The shipping description below may not represent requirements for all modes of transportation, shipping methods or locations outside of the United States.

DOT: Consumer commodity ORM-D

IMDG: Dangerous good in limited quantity. Class 2.1 UN 1950

IATA: Aerosols, Flammable. Class 2.1 UN 1950

Considerations: Operations, collection, filling containers, maintenance, and transportation personnel should be informed about the proper handling and storage of this product.

15. REGULATORY INFORMATION

EPCRA 311/312

CATEGORIES: Immediate (acute) health effects: Yes
Delayed (chronic) health effects: Yes
Fire Hazard: Yes
Sudden release of pressure hazard: No
Reactivity hazard: No

SARA 313 Toxic Chemical Notification and Release Reporting:

This product does not contain greater than 1.0% of any chemical substance of Section 313 of Title III of Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.

16. OTHER INFORMATION

ABBREVIATIONS: USA: Administration (OSHA) Safety and Occupational Health (IARC) International Agency for Research on Cancer (NTP) National Toxicology Program (NFPA) National Association of Fire Protection (NIOSH) National Institute for Occupational Safety and Occupational health (ACGIH) American Conference of Governmental Industrial Hygienists.



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