



## Safety Data Sheet

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

#### 1.1 Product Identifier

Name of the substance: **EXTRA LEED DOT 3**  
Other Means of Identification: Automotive Brake Fluid  
Issue Date: 25-12-2022  
Revision: 05-11-2023

**1.2 Relevant Identified uses of the substance or mixture and uses advised against identified uses:** Brake Fluid.

#### 1.3 Details of the supplier of the safety data sheet

Company Name: EXTRA LEED AUTOMOTIVE LTD  
Address: PO BOX No. 17 King Edwards Road, Rulslip, London, UK.  
Email ID: hello@extraleed.com  
Contact Number: +44 20 348805008

#### 1.4 Emergency Telephone Numbers

+44 20 348805008

### SECTION 2 HAZARDS IDENTIFICATION

#### Emergency Overview

Physical State	Liquid
Color	Light Amber
Odor	Typical Petroleum

#### 2.1 Classification of the substance or mixture

DSD/DPD CLASSIFICATION: Not classified as dangerous according to EU regulatory guidelines.  
Not classified as hazardous according to 29 CFR 1910.1200 (2012)

#### Precautionary Statement:

If medical advice is needed: Have product container or label at hand. Keep out of reach of children. Read label before use.



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2.3 Other hazards: None known

### Precautionary Statements:

If medical advice is needed: Have product container or label at hand. Keep out of reach of children. Read label before use.

## SECTION 3 COMPOSITION/ INFORMATION ON INGREDIENTS

### 3.1 Mixtures

Substance	CAS #	Amount%
Triethylene glycol monobutyl ether	143-22-6	<=15
Diethylene glycol monobutyl ether	112-34-5	<=5

## SECTION 4 FIRST AID MEASURES

### 4.1 Description of first aid measure

**Eye:** Flush eyes for 30 minutes with water. Get medical attention if irritation persists.

**Skin:** No specific first aid measures are required. As a precaution, remove clothing and shoes if contaminated. To remove the material from skin, use soap and water. Discard contaminated clothing and shoes or thoroughly clean before reuse.

**Ingestion:** If swallowed, get medical attention. Do not induce vomiting. Danger of Aspiration.

**Inhalation:** If exposed to excessive levels of material in the air, move the exposed person to fresh air. Get medical attention if breathing issues occur.

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

#### IMMEDIATE SYMPTOMS AND HEALTH EFFECTS

No Information available.

**DELAYED OR OTHER SYMPTOMS AND HEALTH EFFECTS:** Not classified.

### 4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician: Treat symptomatically

## SECTION 5 FIRE FIGHTING MEASURES

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### 5.1 Extinguishing media

Use water fog, foam, dry chemicals or carbon dioxide (CO<sub>2</sub>) to extinguish flames.

### 5.2 Special hazards arising from the substance or mixture

Combustion Products: Toxic pyrolysis products, smoke, carbon oxides, ignitable vapors and gases possible.  
Hot products may produce flammable vapors.

### 5.3 Advice for firefighters

Protection of firefighters

#### 5.3.1 FIRE CLASSIFICATION:

NFPA RATINGS: Health: 0 Flammability: 1 Reactivity: 0

#### 5.3.2 FLAMMABILITY PROPETES

Flash Point [Method]: >250°C [ASTM D-92]

Flammable Limits (Approximate volume % in air): LEL: 0.9 UEL: 7.0

Auto ignition Temperature: N/D

## SECTION 6 ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precaution, protective equipment and emergency procedures

Provide adequate ventilation. Keep away from sources of ignition and do not smoke. Avoid eye and skin contact as well as inhalation. Remove contaminated, saturated clothing. Attention, risk of slipping

### 6.2 Environmental precautions

Stop the source of the release if you can do it without risk. Contain release to prevent further contamination of soil, Surface water or groundwater. Report released to the appropriate federal, state and local Agencies.

### 6.3 Method and material for containment and cleaning up

#### Spill Management & reporting

Clean up spill as soon as possible, observing precautions in Exposure controls/Personal Protection. Use appropriate techniques such as applying non-combustible absorbent material or pumping. Where feasible and appropriate, remove contaminated soil and dispose of a manner consistent with applicable requirement. Place other contaminated material in disposable containers and dispose of in a manner consistent with applicable requirements. Report spills to local authorities as/or the U.S. Coast Guard's National Response Center at (800) 424-8802 appropriate or required.

### 6.4 Reference to other sections

See sections 5, 7, 8 and 13.



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### SECTION 7 HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

##### Precautionary Measures

Don't get in eyes, on skin, or on clothing. Do not breathe mist. Do not taste or swallow. Wash thoroughly after Handling.

#### 7.2 Condition for safe storage, including any incompatibilities

**General Handling Information:** Avoid contaminating soil or releasing this material into sewage, drainage systems, And bodies of water.

**General storage information:** DO NOT USE OR STORE near heat, sparks or open flames. Keep container closed when Not in use. Store in a cool dry environment.

### SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits/standards for materials that can be formed when handling this product. When mists/aerosols can occur the following are recommended: 5 mg/m<sup>3</sup>- ACGIH TLV (inhalable fraction), 5 mg/m<sup>3</sup>- OSHA PEL.

**NOTE:** Limits/standards shown for guidance only. Follow applicable regulations.

**8.1 Control parameters Occupational:** This product does not contain any hazardous material with occupational exposure limits established by the region specific regulatory bodies.

**8.2 Exposure controls ENGINEERING CONTROLS:** Showers. Eyewash station, ventilation system.

##### Personal Protection Equipment:

**Eye/Face Protection:** Wear safety goggles with side shields as a good safety practice.

**Skin Protection:** No special protective clothing is normally required. Where splashing is possible, select protective clothing depending on operations conducted, physical requirement and other substances in the workplace. Wear protective gloves comprised of either Nitrile Rubber, Viton, or silver Shield.

**Respiratory Protection: Determine** if airborne concentration are below the recommended exposure limits. If not, wear an approved respirator that provides adequate protection from measured concentrations of this material, such as Air-purifying respirator for organic vapour. When used as a fuel, this material can produce carbon monoxide in the exhaust approved positive-pressure air supplying respirator.

##### ENVIRONMENT EXPOSURE CONTROLS:

See relevant community environmental protection legislation or the Annex, as applicable.



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### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**Attention:** The data below are typical values and do not constitute a specification.

9.1 Information on basic physical and chemical properties.

Appearance

Physical State	Liquid
Color	Light Amber
Odour	Not Available
Odour threshold	Not Available
pH	7.32
Melting point/freezing point	Not Available
Initial boiling point	Not Available
Pour point	Not Available
Flash point	>150°C
Evaporation rate	Not Available
Flammability (solid, gas)	Not Available
Upper/lower flammability or explosive limits	Not Available
Vapor pressure	Not Available
Vapor density	Not Available
Relative density	Not Available
SP. Gravity @15°C/ 60°F	1.03 g/cm <sup>3</sup>
Solubility	Insoluble in water.
Partition coefficient:	Not Available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
Viscosity @100°C	Not Available
Explosive properties	Not Available
Oxidizing properties	Not Available



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### SECTION 10 STABILITY AND REACTIVITY

**10.1 Reactivity:** Not chemically reactive.

**10.2 Chemical Stability:** Stable under normal conditions and anticipated conditions of use.

**10.3 Possibility of hazardous reactions (polymerization):** Hazardous reaction not anticipated.

**10.4 Conditions to avoid:** This material is considered stable when stored and handled as prescribed. Formation of ignitable vapour and gases possible at temperature exceeding the flashpoint.

**10.5 Incompatible materials to avoid:** Avoid contact with strong oxidizing agents.

**10.6 Hazardous decomposition products:** Not anticipated under normal conditions of use.

### SECTION 11 TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

**Serious Eye Damage/Irritation:** Not expected to be irritating.

**Skin Corrosion/Irritation:** Not expected to be irritating, repeated exposure may cause skin dryness or cracking.

**Skin Sensitization:** No information available on the mixture, however none of the components have been classified for skin sensitization.

**Acute Dermal Toxicity:** The acute dermal toxicity hazard is based on evaluation of data for product components.

**Acute Oral Toxicity:** The acute oral toxicity hazard is based on evaluation of product components.

**Acute Inhalation Toxicity:** The acute inhalation toxicity hazard is based on evaluation of data for product components.

**Germ Cell Mutagenicity:** The hazard evaluation is based on data for components or a similar material.

**Carcinogenicity:** The hazard evaluation is based on data for components or a similar material.

**Reproductive Toxicity:** The hazard evaluation is based on data for components or a similar material.

**Specific Target Organ Toxicity – Single Exposure:** The hazard evaluation is based on data for components or a similar material.

**Specific Target Organ Toxicity – Repeated Exposure:** The Hazard evaluation is based on data for components or a similar material

**Acute Toxicity Estimate:** Not determined.

### SECTION 12 ECOLOGICAL INFORMATION

**12.1 Toxicity:** There is no data available on the preparation/mixture itself. Classification: none

**12.2 Bio accumulative potential:** There is no data available on the preparation/mixture itself.

**12.3 Mobility in soil:** No data available.

**12.4 Other adverse effects:**

**Effects in sewage plants:** Mechanical separation in a suitable sewage plant is possible.

### SECTION 13 DISPOSAL CONSIDERATIONS



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**13.1 Waste treatment methods:** Use the material for its intended purpose or recycle. Place contaminated material in appropriate containers and dispose of or recycle in a manner consistent with Federal, State and Local regulations.

### SECTION 14 TRANSPORT INFORMATION

#### ADR/RID

**Not regulated as dangerous goods for transport**

- 14.1 UN Number: Not applicable
- 14.2 UN proper shipping name: Not applicable
- 14.3 Transport hazard class (es): Not applicable
- 14.4 Packing group: Not applicable
- 14.5 Environmental hazards: Not applicable
- 14.6 Special precautions for user: Not applicable

#### ICAO/IATA

**Not regulated as dangerous goods for transport**

- 14.1 UN Number: Not applicable
- 14.2 UN proper shipping name: Not applicable
- 14.3 Transport hazard class (es): Not applicable
- 14.4 Packing group: Not applicable
- 14.5 Environmental hazards: Not applicable
- 14.6 Special precautions for user: Not applicable

#### IMO

**Not regulated as dangerous goods for transport**

- 14.1 UN Number: Not applicable
- 14.2 UN proper shipping name: Not applicable
- 14.3 Transport hazard class (es): Not applicable
- 14.4 Packing group: Not applicable
- 14.5 Environmental hazards: Not applicable
- 14.6 Special precautions for user: Not applicable
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code: Not applicable

The description shown may not apply to all shipping situation. Consult 49CFR, or appropriate Dangerous goods regulations, for additional description requirement (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

**DOT Shipping Description:** Petroleum lubricants oil, not regulated as a hazardous material for transportation under 49 CFR.

**IMO/IMDG Shipping Description:** Petroleum lubricants oil, not regulated as dangerous goods for transport under the IMDG code.

**ICAO/IATA Shipping Description:** Petroleum Lubricants oil, not regulated as dangerous goods for transport under ICAO TI OR IATA DGR.

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### SECTION 15 REGULATORY INFORMATION

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

##### REGULATORY LISTS SEARCHED:

- 01=EU. Directive 76/769/EEC: Restrictions on the marketing and use of certain dangerous substances. 02=EU Directive 90/394/EEC: Carcinogens at work.  
03=EU Directive 92/85/EEC: Pregnant breastfeeding workers. 04=EU Directive 96/82/EC (Seveso II): Article 9  
05=EU Directive 96/82/EC (Seveso II): Articles 6 and 7. 06=EU Directive 98/24/EC: Chemical agents at work.  
07=EU Directive 2004/37/EC: On the protection of workers. 08=EU Directive EC No. 689/2008: Annex 1, Part 1.  
09=EC Regulation EC No. 689/2008: Annex 1, Part 2. 10 = EU Regulation EC No.689/2008: Annex 1, Part 3.  
11=EU Regulation EC No .850/2004: Prohibiting and restricting persistent organic pollutants (POPs).  
12=EU REACH, Annex XVII: Restriction on manufacture, placing on the market and use of certain dangerous substances, mixture & article.  
13=EU REACH.ANNEX XIV: Candidate list of substances of very high concern for authorization (SVHC)

No components of this material were found on the regulatory lists above.

##### CHEMICAL INVENTORIES:

All components comply with the following chemical inventory requirements: AICS (Australia), DSL (Canada), EINECS (European Union), KECI (Korea), PICCS (Philippines), TSCA (United States).

One or more components does not comply with the following chemical inventory requirements: ENCS (Japan).

#### 15.2 Chemical safety assessment: No chemical safety assessment.

##### EPCRA 311/312 CATEGORIES:

- |                                       |    |
|---------------------------------------|----|
| 1. Immediate (Acute) Health Effects:  | NO |
| 2. Delayed (Chronic) Health Effects:  | NO |
| 3. Fire Hazard :                      | NO |
| 4. Sudden Release of Pressure Hazard: | NO |
| 5. Reactivity Hazard:                 | NO |

##### REGULATORY LISTS SEARCHED:

- 1-1= IARC Group 1  
1-2 A= IARC Group 2A  
01-2B= IARC Group 2B  
02=NTP Carcinogen  
03= EPCRA 313

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04= CA Proposition 65  
05= MA RTK  
06= NJ RTK 07=PA RTK  
15= SARA Section 313  
16= CA Proposition 65  
17= MA RTK  
18= NJ RTK  
19= DOT Marine Pollutant

No components of this material were found on the regulatory lists above.

### New Jersey RTK Classification:

Under the New Jersey right-to-know Act L, 1983 Chapter 315 N.J.S.A. 34:5A-1 et. Seq., the product is to be identified as follows: PRTROLEUM OIL.

The following components of this material are found on the regulatory lists indicated.

### Nothing Found During Search

### Chemical Inventories:

United States: All of the material are on the Toxic Substances Control Act (TSCA) Chemical Inventory.

Canada: All the components of this material are on the Canadian DSL or have been notified under the New Substance Notification Regulations, but have not yet been published in the Canada Gazette.

### WHMIS CLASSIFICATION:

Class B, Division 3: Combustible Liquids

Class D, Division 2, Subdivision A: Very Toxic Material-Carcinogenicity.

Class D, Division 2< Subdivision B: Toxic Material-Skin or Eye Irritation

## SECTION 16 OTHER INFORMATION

**Revision Statement:** This revision updates the following sections of this safety Data Sheet: 1

**Revision Date:**

<b>NFPA Rating:</b>	Health: 0	Flammability: 1	Reactivity: 0
<b>HMIS Hazard Ratings:</b>	Health: 0	Flammability: 1	Reactivity: 0

(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE: Personal Protection Equipment Index recommendation, Chronic Effect Indicator). These values are obtained using the guidelines or published evaluation prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

### LABEL RECOMMENDATION:

Label Category: -

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910. 1200), the ANSI MSDS Standard (Z400.1) and in accordance with both EU 67/548/EEC (DSD) and CLP regulation.

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### ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:

TLV – Threshold Limit Value	TWA-Time Weight Average
STEL – Short-term Exposure Limit	PEL- Permissible Exposure Limit
GHS – Globally Harmonized System	CAS- Chemical Abstract Service Number
ACGIH – American Conference of Government industrial Hygienists.	IMO/IMDG - International maritime Dangerous Goods Code
API – American Petroleum Institute	SDS- Safety Data Sheet
HMIS – Hazardous Material information System	NFPA- National Fire Protection association (USA)
DOT – Department of Transportation (USA)	NTP- National Toxicology Program (USA)
IARC – International Agency for Research on Cancer	OSHA- Occupational Safety and Health Administration
NCEL - New Chemical Exposure Limit	EPA- Environmental Protection Agency
SCBA – Self-Contained Breathing Apparatus	

#### Full text of R-phrases:

None

#### Full text of CLP H-statements:

None

No Annex