

# Safety Data Sheet

## 1. Identification of the substance and of the supplier

<b>Product identifier</b>	
Product name	ACDELCO BRAKE DOT4&3 19375315 1/1L 12-1 ( 5002488)
<b>Recommended use of the chemical and restrictions on use</b>	Brake fluid
<b>Manufacture 's details</b>	
Company Address	2098 M Tower Building, 8 <sup>th</sup> Floor, Sukhumvit Road, Phrakanong Tai, Phrakanong, Bangkok 10260 Thailand
Phone number	+66 2335 4999
Fax	+66 2016 3991
Emergency phone number	+66 2335 8888

## 2. Hazards Identification

<b>GHS classification of the substance /mixture</b>	
Acute oral toxicity	Category 4
Serious eye damage/eye irritation	Category 1
Specific target organ toxicity - repeated exposure	Category 2

## GHS label elements

Pictogram



Signal word	DANGER
Hazard statement(s)	H302 – Harmful if swallowed. H318: Causes serious eye damage H373 – May causes damage to organs through prolonged or repeated exposure.
Precautionary statement(s)	P260 – Do not breathe dust/fumes/gas/mist/vapours/spray. P264 – Wash skin thoroughly after handling. P270 – Do not eat, drink or smoke when using this product. P280: Wear protective gloves/face protection. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue

	rinsing. P501 – Dispose of contents/container in accordance with local/regional/national/international regulations.
Other hazards which do not result in classification	Not available

### 3. Composition/Information on Ingredients

Components	CAS No.	Concentration %
Triethylene Glycol Monobutyl Ether	143-22-6	50-100
Tris(2-(2-(2-methoxyethoxy)ethoxy)ethyl)	30989-05-0	25-50
Triethylene glycol	112-27-6	10-25

### 4. First Aid Measures

<b>Description of first aid measures</b>	
Inhalation	Remove from further exposure.
Skin contact	Wash contact areas with soap and water. If irritation occurs, get medical assistance
Eye contact	Flush thoroughly with water for 15 minute. If irritation occurs, get medical assistance.
Ingestion	If swallow, DO NOT induce vomiting. Keep at rest. Get prompt medical attention
<b>Indication of any immediate medical attention and special treatment needed :</b>	Treat symptomatically

### 5. Fire Fighting Measures

<b>Extinguishing media</b>	
Suitable extinguishing media	Use foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	Water jet
<b>Special hazards arising from the substance or mixture</b>	Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons and soot. These may be highly dangerous if inhaled.
<b>Special protective equipment and precautions for fire-fighters</b>	Wear self-contained breathing apparatus for firefighting. Use water spray to cool unopened containers.

### 6. Accidental Release Measure

<b>Personal precautions, protective equipment and emergency procedures</b>	Use personal protective equipment. Avoid breathing dust, vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
<b>Environmental precautions</b>	Do not let product enter drains.

<b>Methods and materials for containment and cleaning up</b>	For small spills, add absorbent or sand , scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.
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## 7. Handling and Storage

<b>Precautions for safe handling</b>	Avoid contact with eyes, skin and clothing. Use only with adequate ventilation.
<b>Conditions for safe storage, including any incompatibilities</b>	Keep container tightly closed. Keep container in a cool, well-ventilated area.

## 8. Exposure Controls/Personal Protection

<b>Control parameters</b>	Not establish
<b>Appropriate engineering controls</b>	Use ventilation, local exhaust ventilation
<b>Personal protective equipment</b>	
Respiratory protection	Breathing protection. Use filter respirator suitable for organic vapours
Skin protection	Protective gloves.
Eye/face protection	Wear safety goggles, safety glass
Body Protection	Chemical suit
<b>Work / Hygienic Practices:</b>	Do not eat, drink, or smoke during work. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

## 9. Physical and Chemical Properties

<b>Appearance and Color:</b>	Clear to yellow liquid, Bright&Clear
<b>Odour:</b>	Characteristic
<b>Kinematics Viscosity</b>	Not determined
<b>Flash point:</b>	N/A
<b>Upper/lower flammability or explosive limits:</b>	Lower : 0.9% v/v - Upper : 9.2% v/v
<b>Auto ignition temperature:</b>	202 °C
<b>Density@20 °C:</b>	1.04 g/cm <sup>3</sup>
<b>Water solubility:</b>	Not miscible

## 10. Stability and Reactivity

<b>Reactivity</b>	Not available
<b>Chemical stability</b>	Stable
<b>Possibility of hazardous reactions</b>	Will not occur
<b>Conditions to avoid</b>	Heat, flames and sparks. sunlight
<b>Incompatible materials</b>	Strong oxidized
<b>Hazardous decomposition products</b>	Not available

**11. Toxicological Information**

<b>Information on the likely routes of exposure</b> Inhalation : Skin contact : Eye contact : Ingestion :	Minimally Toxic. Based on assessment of the components. Minimally Toxic. Based on assessment of the components. Minimally Toxic. Based on assessment of the components. Minimally Toxic. Based on assessment of the components.
<b>Numerical measures of toxicity</b> Classification of Health Hazards Acute oral toxicity Acute dermal toxicity Acute inhalation toxicity Skin corrosion / irritation Serious eye damage/eye irritation Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard	ATE <sub>mix</sub> 3500 - 5000 mg/kg May be harmful if swallowed Not classified ATE <sub>mix</sub> 1.0-5 mg/l Harmful if inhaled Not classified Not classified Not possible to clarified Not possible to clarified Not possible to clarified Suspected of damaging fertility or the unborn child Not possible to clarified Causes damage to organs through prolonged or repeated exposure May be fatal if swallowed and enters airways

**12. Ecological Information**

<b>Ecotoxicity</b> Acute (Short- term) aquatic hazard Long-term aquatic hazard	Not possible to clarified Not possible to clarified
<b>Persistence and degradability</b>	No data available
<b>Bioaccumulative potential</b>	No data available
<b>Mobility in soil</b>	No data available
<b>Other adverse effects</b>	No data available
<b>Environmental effects</b>	No data available

**13. Disposal Considerations**

<b>Waste treatment methods</b>	Dispose in accordance with local/national/international regulations.
<b>Contaminated packaging</b>	Dispose of container in accordance with local/national /international regulations.

**14. Transport Information**

<b>UN number</b>	Not regulated as dangerous goods
<b>UN proper shipping name</b>	Not regulated as dangerous goods
<b>Transport hazard class (es)</b>	Not regulated as dangerous goods
<b>Packaging group</b>	Not classified
<b>Environmental hazards</b>	No data available
<b>Transport in bulk</b>	No data available
<b>Special precautions for user</b>	No data available

#### 15. Regulatory Information

<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	This material is considered hazardous according to the classification criteria of the Hazard Classification and Communication System for Hazardous Materials BE 2555. Thailand
<b>Chemical Safety Assessment</b>	For this product a chemical safety assessment was not carried out

#### 16. Other Information

**Created:** March 31, 2022

#### Reference

- National Institute of Technology and Evaluation (SAFE NITE)  
[http://www.safe.nite.go.jp/english/ghs/ghs\\_index.html](http://www.safe.nite.go.jp/english/ghs/ghs_index.html)
- Globally Harmonized System of Classification and Labelling of Chemical (GHS), United Nation, 2011

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