

# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

# SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier	
Trade name or designation of the mixture	FERODO Brake Fluid
Registration number	-
Synonyms	DOT 5.1 - All grades, DOT 4 - grades with Wet Boiling Points > 165 °C.
Issue date	22-May-2013
Version number	05
Revision date	09-November-2020
Supersedes date	01-September-2015
1.2. Relevant identified uses of t	the substance or mixture and uses advised against
Identified uses	Hydraulic fluid in automotive brake/clutch system.
Uses advised against	None known.
1.3. Details of the supplier of the	e safety data sheet
Manufacturer/Supplier	
Company name	Federal-Mogul Global Aftermarket EMEA bvba
Address:	Prins Boudewijnlaan 5
	B-2550 Kontich
	Belgium
Contact person:	Mario Garelli – Product Manager Braking Products EMEA
	E-mail: mario.garelli@driv.com
Telephone:	+39 045 8281 354
1.4. Emergency Telephone:	INFOTRAC: 001-352-323-3500
	Belgium Poison Center (Centre Antipoison): +32 070 245 245

### **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

### Classification according to Regulation (EC) No 1272/2008 as amended

5	6 ( )	
Health hazards		
Reproductive toxicity	Category 2	H361d - Suspected of damaging the unborn child.
Hazard summary	Possible reproductive hazard. Occupational exposu adverse health effects.	are to the substance or mixture may cause
2.2. Label elements		
Label according to Regulation	(EC) No. 1272/2008 as amended	
Contains:	Tris[2-[2-(2-methoxyethoxy) ethoxy]ethyl] orthobora	ite
Hazard pictograms		
Signal word	Warning	
Hazard statements		
H361d	Suspected of damaging the unborn child.	
Precautionary statements		
Prevention		
P102 P202 P280	Keep out of reach of children. Do not handle until all safety precautions have beer Wear protective gloves/protective clothing/eye prote	
Response		
P308 + P313	IF exposed or concerned: Get medical advice/atten	tion.
FERODO Brake Fluid		SDS

Storage	
P405	Store locked up.
Disposal	
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
Supplemental label information	None.
2.3. Other hazards	This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII.

# **SECTION 3: Composition/information on ingredients**

### 3.2. Mixtures

# **General information**

Chemical name	%	CAS-No. / EC No.	<b>REACH Registration No.</b>	Index No.	Notes
Tris[2-[2-(2-methoxyethoxy) ethoxy]ethyl] orthoborate	30 - 90	30989-05-0 250-418-4	01-2119462824-33	-	
Classification	: Repr. 2;H3	61			
Triethylene glycol monobutyl ether	1.0 - 9.9	143-22-6 205-592-6	01-2119475107-38	603-183-00-0	
Classification	: Eye Dam.	1;H318			
Butyl Polyglycol	0 - 5	9004-77-7 500-012-0	01-2119475115-41	-	
Classification	: Eye Dam.	1;H318			
2-(2-Methoxyethoxy)ethanol	0 - < 3	111-77-3 203-906-6	01-2119475100-52	603-107-00-6	#
Classification	: Repr. 2;H3	61d			

# List of abbreviations and symbols that may be used above

#: This substance has been assigned Community workplace exposure limit(s).

**Composition comments** All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume. The full text for all H-statements is displayed in section 16.

# **SECTION 4: First aid measures**

General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. IF exposed or concerned: Get medical advice/attention.
4.1. Description of first aid meas	sures
Inhalation	Move injured person into fresh air and keep person calm under observation. Get medical attention if any discomfort continues.
Skin contact	Remove contaminated clothes and rinse skin thoroughly with water. Get medical attention if irritation develops and persists.
Eye contact	Flush thoroughly with water for at least 15 minutes. Get medical attention if irritation persists after washing.
Ingestion	Rinse mouth thoroughly with water and give large amounts of milk or water, if person is conscious. Only induce vomiting at the instruction of medical personnel. Get medical attention if any discomfort continues.
4.2. Most important symptoms and effects, both acute and delayed	Exposed individuals may experience eye tearing, redness, and discomfort. Defats the skin. Central nervous system. Headaches, dizziness and nausea. May cause abdominal discomfort if swallowed.
4.3. Indication of any immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Symptoms may be delayed.

# **SECTION 5: Firefighting measures**

General fire hazards	The product is non-combustible. Will burn if involved in a fire.
5.1. Extinguishing media	
Suitable extinguishing media	Alcohol resistant foam. Dry powder. Water mist.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
5.2. Special hazards arising from the substance or mixture	During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters	
Special protective equipment for firefighters	Self-contained breathing apparatus and full protective clothing should be worn when fighting chemical fires. Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace.
Special fire fighting procedures	Use standard firefighting procedures and consider the hazards of other involved materials. Containers close to fire should be removed immediately or cooled with water.

# **SECTION 6: Accidental release measures**

6.1. Personal precautions, prote	ctive equipment and emergency procedures
For non-emergency personnel	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist/vapours. Avoid contact with skin and eyes. Ensure adequate ventilation.
For emergency responders	Use personal protection recommended in Section 8 of the SDS.
6.2. Environmental precautions	Avoid discharge into drains, water courses or onto the ground.
6.3. Methods and material for containment and cleaning up	Use water spray to reduce vapours or divert vapour cloud drift. The product is soluble in water.
J. J	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.
	Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
	Never return spills to original containers for re-use.
6.4. Reference to other sections	For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

# **SECTION 7: Handling and storage**

7.1. Precautions for safe handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist/vapours. Avoid contact with skin and eyes. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Provide adequate ventilation. Wear appropriate personal protective equipment. Do not eat, drink or smoke when using the product. See Section 8 for personal protective equipment. Observe good industrial hygiene practices.
7.2. Conditions for safe storage, including any incompatibilities	Store locked up. Keep container in a well-ventilated place. Store between 15°C - 30°C (60°F - 86°F). Store away from incompatible materials (see section 10 of the SDS).
7.3. Specific end use(s)	Hydraulic fluid in automotive brake/clutch system.

# **SECTION 8: Exposure controls/personal protection**

## 8.1. Control parameters

# **Occupational exposure limits**

Components	Туре	Value	
2-(2-Methoxyethoxy)ethano (CAS 111-77-3)	I TWA	50.1 mg/m3	
		10 ppm	
EU. Indicative Exposure L Components	imit Values in Directives 91/32 Type	2/EEC, 2000/39/EC, 2006/15/EC, 200 Value	9/161/EU, 2017/164/EU
2-(2-Methoxyethoxy)ethano (CAS 111-77-3)	I TWA	50.1 mg/m3	
		10 ppm	
ological limit values	No biological exposure limits	noted for the ingredient(s).	
ecommended monitoring ocedures	Follow standard monitoring procedures.		
erived no effect levels (DNEL	.s)		
General Population			
Components	Value	Assessment factor	Notes
2-(2-Methoxyethoxy)ethano	I (CAS 111-77-3)		
Long-term, Systemic, D		ow/day 30	Repeated dose toxicity
Long-term, Systemic, Ir	nhalation 30.1 mg/m3		

Butyl Polyglycol (CAS 9004-77-7)			
Long-term, Systemic, Dermal	160 mg/kg bw/day	40	Repeated dose toxicity
Long-term, Systemic, Inhalation	149 mg/m3	10	Repeated dose toxicity
Long-term, Systemic, Oral	16 mg/kg bw/day	40	Repeated dose toxicity
Triethylene glycol monobutyl ether (CAS 1	43-22-6)		
Long-term, Systemic, Dermal	125 mg/kg/day	40	Repeated dose toxicity
Long-term, Systemic, Inhalation	117 mg/m3	10	Repeated dose toxicity
Long-term, Systemic, Oral	12.5 mg/kg/day	40	Repeated dose toxicity
Tris[2-[2-(2-methoxyethoxy) ethoxy]ethyl] c	orthoborate (CAS 30989-05-0	))	
Long-term, Systemic, Dermal	4.1 mg/kg bw/day	60	Repeated dose toxicity
Long-term, Systemic, Inhalation	7.2 mg/m3	25	
Long-term, Systemic, Oral	4.1 mg/kg bw/day	60	Repeated dose toxicity
<u>Workers</u>			

Components	Value	Assessment factor	Notes
2-(2-Methoxyethoxy)ethanol (CAS 111-77-	-3)		
Long-term, Systemic, Dermal Long-term, Systemic, Inhalation	2.22 mg/kg bw/day 50.1 mg/m3	18	Repeated dose toxicity
Butyl Polyglycol (CAS 9004-77-7)			
Long-term, Systemic, Dermal	265 mg/kg bw/day	24	Repeated dose toxicity
Long-term, Systemic, Inhalation	245 mg/m3	6	Repeated dose toxicity
Triethylene glycol monobutyl ether (CAS 1	43-22-6)		
Long-term, Systemic, Dermal	208 mg/kg/day	24	Repeated dose toxicity
Long-term, Systemic, Inhalation	195 mg/m3	6	Repeated dose toxicity
Tris[2-[2-(2-methoxyethoxy) ethoxy]ethyl] d	orthoborate (CAS 30989-05-0	))	
Long-term, Systemic, Dermal	8.3 mg/kg bw/day	30	developmental toxicity / teratogenicity
Long-term, Systemic, Inhalation	29.1 mg/m3	12.5	developmental toxicity / teratogenicity

# Predicted no effect concentrations (PNECs)

Components	Value	Assessment factor	Notes
2-(2-Methoxyethoxy)ethanol (CAS 111	-77-3)		
Freshwater	12 mg/l	100	
Intermittent releases	12 mg/l		
Marine water	1.2 mg/l	1000	
Secondary poisoning	0.09 g/kg	200	Oral
Sediment (freshwater)	44.4 mg/kg		
Sediment (marine water)	0.44 mg/kg		
Soil	2.1 mg/kg		
STP	10000 mg/l	1	
Butyl Polyglycol (CAS 9004-77-7)			
Freshwater	4.5 mg/l	100	
Marine water	0.31 mg/l	1000	
Secondary poisoning	111 mg/kg	90	Oral
Sediment (freshwater)	6.6 mg/kg	1000	
Sediment (marine water)	0.66 mg/kg	10000	
Soil	1.32 mg/kg		
STP	500 mg/l	10	
Triethylene glycol monobutyl ether (CA	AS 143-22-6)		
Freshwater	2 mg/l	50	
Intermittent releases	8.4 mg/l		
Marine water	0.2 mg/l	500	
Secondary poisoning	111 mg/kg	90	Oral
Sediment (freshwater)	7.7 mg/kg		
Sediment (marine water)	0.77 mg/kg		
Soil	0.47 mg/kg		
STP	200 mg/l	10	
Tris[2-[2-(2-methoxyethoxy) ethoxy]etl	nyl] orthoborate (CAS 30989-0	5-0)	
Freshwater	0.211 mg/l	1000	
Intermittent releases	2.112 mg/l		
Marine water	0.021 mg/l	10000	
Sediment (freshwater)	0.76 mg/kg		
Sediment (marine water)	0.076 mg/kg		
Soil	0.028 mg/kg		
STP	100 mg/l	10	

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Exposure guidelines				
UK EH40 WEL: Skin designa	ation			
2-(2-Methoxyethoxy)etha	nol (CAS 111-77-3)	Can be absorbed through the skin.		
8.2. Exposure controls				
Appropriate engineering controls	applicable, use process enclos	Id be used. Ventilation rates should be matched to conditions. If sures, local exhaust ventilation, or other engineering controls to recommended exposure limits. If exposure limits have not been levels to an acceptable level.		
Individual protection measures, such as personal protective equipment				
General information	Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.			
Eye/face protection	Wear safety glasses with side shields (or goggles). Use eye protection conforming to EN 166.			
Skin protection				
- Hand protection	Butyl rubber. Use gloves with	ear suitable gloves tested to EN374. Full contact: Glove material: breakthrough time of >480 minutes minutes. Minimum glove gloves with breakthrough time of > 480 minutes. Minimum glove		
- Other	Wear appropriate clothing to p	revent repeated or prolonged skin contact.		
Respiratory protection	In case of inadequate ventilati with gas filter (type A2).	on or when the product is heated, use suitable respiratory equipment		
Thermal hazards	When material is heated, wear	gloves to protect against thermal burns.		
Hygiene measures	and before eating, drinking, ar	I hygiene measures, such as washing after handling the material id/or smoking. Routinely wash work clothing and protective nants. Observe any medical surveillance requirements.		
Environmental exposure controls	process equipment should be environmental protection legis	be informed of all major releases. Emissions from ventilation or work checked to ensure they comply with the requirements of lation. Fume scrubbers, filters or engineering modifications to the cessary to reduce emissions to acceptable levels.		

# **SECTION 9: Physical and chemical properties**

# 9.1. Information on basic physical and chemical properties

s.r. mormation on basic physic	ai and chemical properties	
Appearance		
Physical state	Liquid.	
Form	Liquid.	
Colour	Amber.	
Odour	Mild.	
Odour threshold	Not available.	
рН	7 - 10.5	
Melting point/freezing point	< -50 °C (< -58 °F)	
Initial boiling point and boiling	> 260 °C (> 500 °F)	
range		
Flash point	> 120.0 °C (> 248.0 °F)	
Evaporation rate	0.01 (Butyl acetate = 100)	
Flammability (solid, gas)	Not applicable.	
Upper/lower flammability or explosive limits		
Flammability limit - lower (%)	Not available.	
Flammability limit - upper (%)	Not available.	
Vapour pressure	1 mbar	
Vapour density	Not available.	
Relative density	Not available.	
Solubility(ies)	Soluble in water.	
Partition coefficient (n-octanol/water)	1.5	
Auto-ignition temperature	> 280 °C (> 536 °F)	
Decomposition temperature	300 °C (572 °F)	
Viscosity	5 - 10 cSt @ ( 20°C)	
Explosive properties	Not explosive.	

Oxidising properties	Not oxidising.		
9.2. Other information			
Density	1.02 - 1.07 g/cm <sup>3</sup>		
SECTION 10: Stability and reactivity			
10.1. Reactivity	The product is stable and non reactive under normal conditions of use, storage and transport.		
10.2. Chemical stability	Stable under normal temperature conditions. Glycol Ethers can form peroxides on storage – do not distil to dryness.		
10.3. Possibility of hazardous reactions	Will not occur.		
10.4. Conditions to avoid	Avoid exposure to high temperatures or direct sunlight. Contact with incompatible materials.		
10.5. Incompatible materials	Strong oxidizers, strong acids, and strong bases. Strong reducing agents.		
10.6. Hazardous decomposition products	Fire or high temperatures create: Carbon monoxide. Carbon dioxide.		
SECTION 11. Toxicologic	al information		

# **SECTION 11: Toxicological information**

**General information** 

Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely rout	es of exposure
Inhalation	Glycol does not easily form a vapour at normal temperatures. Therefore, it must be heated or misted before inhalation exposure can occur.
Skin contact	Prolonged or repeated contact may dry skin and cause dermatitis.
Eye contact	Based on available data, the classification criteria are not met.
Ingestion	May cause discomfort if swallowed.
Symptoms	Exposed individuals may experience eye tearing, redness, and discomfort. Defats the skin. Central nervous system. May cause abdominal discomfort if swallowed. Headaches, dizziness and nausea.

# 11.1. Information on toxicological effects

Acute toxicity	Not expected to be acutely toxic.		
Product	Species	Test Results	i
FERODO Brake Fluid (CAS Mi	xture)		
Acute			
Dermal			
LD50	Rabbit	> 3000 mg/kg	
Oral			
LD50	Rat	> 5000 mg/kg	
Components	Species	Test Results	
2-(2-Methoxyethoxy)ethanol (C	CAS 111-77-3)		
Acute			
Dermal			
LD50	Rabbit	8980 ml/kg	
Oral			
LD50	Rat	6700 ml/kg	
Triethylene glycol monobutyl e	ther (CAS 143-22-6)		
<u>Acute</u>			
Dermal			
LD50	Rabbit	3540 mg/kg	
Oral			
LD50	Rat	5300 mg/kg	
Skin corrosion/irritation	Based on available data, the classification criteria are not met.		
Serious eye damage/eye irritation	Based on available data, the classification criteria are not met.		
Respiratory sensitisation	Based on available data, the classification criteria are not met.		
Skin sensitisation	Based on available data, the classification criteria are not met.		
Germ cell mutagenicity	Based on available data, the classification criteria are not met.		
Carcinogenicity	Based on available data, the classified	cation criteria are not met.	
Reproductive toxicity	Suspected of damaging the unborn child.		

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Specific target organ toxicity - single exposure	Based on av	vailable data, the classification criteria	a are not met.	
Specific target organ toxicity - repeated exposure	Based on av	Based on available data, the classification criteria are not met.		
Aspiration hazard	Based on av	vailable data, the classification criteria	a are not met.	
Mixture versus substance information	No informati	ion available.		
Other information		Glycol ethers: Some glycol ethers cause adverse effects in animals that include the reproductive system, offspring, blood, kidney and liver.		
SECTION 12: Ecological ir	nformation			
12.1. Toxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.			
Components		Species	Test Results	
Triethylene glycol monobutyl ether Aquatic Acute	(CAS 143-22-	-6)		
Fish	LC50	Pimephales promelas	2400 mg/l, 96 hours	
12.2. Persistence and degradability	Expected to	be inherently biodegradable. Expect	ted to be readily biodegradable. (OECD 302B).	
12.3. Bioaccumulative potential	Potential to I	bioaccumulate is low.		
Partition coefficient         n-octanol/water (log Kow)         FERODO Brake Fluid       < 2         Triethylene glycol monobutyl ether (CAS 143-22-6)       0.02				
Bioconcentration factor (BCF)	Not available.			
12.4. Mobility in soil	This product	This product is water soluble and may disperse in soil.		
Mobility in general	The product	is soluble in water.		
12.5. Results of PBT and vPvB assessment	This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII.			
12.6. Other adverse effects	None known.			
SECTION 13: Disposal cor	nsideration	IS		
13.1. Waste treatment methods				
Residual waste	Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).			
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.			
EU waste code	16 01 13* The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.			
Disposal methods/information	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.			
Special precautions	Dispose in a	accordance with all applicable regulation	tions.	
<b>SECTION 14: Transport in</b>	formation			
ADR				

ADR

14.1. - 14.6.: Not regulated as dangerous goods.

RID

14.1. - 14.6.: Not regulated as dangerous goods.

### ADN

14.1. - 14.6.: Not regulated as dangerous goods.

# ΙΑΤΑ

14.1. - 14.6.: Not regulated as dangerous goods.

# IMDG

14.1. - 14.6.: Not regulated as dangerous goods.7. Transport in bulkNot established.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

# **SECTION 15: Regulatory information**

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

### **EU** regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended Not listed.

Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended Not listed.

- Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended Not listed.
- Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA Not listed.

#### Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended Not listed.

#### **Restrictions on use**

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended 2-(2-Methoxyethoxy)ethanol (CAS 111-77-3)

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.

Not listed.

### Other EU regulations

#### Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

Not listed.

Other regulations	The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.
National regulations	Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended. According to Directive 92/85/EEC as amended, pregnant women should not work with the product, if there is the least risk of exposure. Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work, as amended.
15.2. Chemical safety assessment	No Chemical Safety Assessment has been carried out.

### **SECTION 16: Other information**

List of abbreviations	
	<ul> <li>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.</li> <li>RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.</li> <li>ADN: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways.</li> <li>IATA: International Air Transport Association.</li> <li>IMDG: International Maritime Dangerous Goods.</li> <li>MARPOL: International Convention for the Prevention of Pollution from Ships.</li> <li>IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.</li> <li>PBT: Persistent, bioaccumulative, toxic.</li> <li>vPvB: Very persistent and very bioaccumulative.</li> <li>DNEL: Derived No-Effect Level.</li> <li>PNEC: Predicted No-Effect Concentration.</li> </ul>
References	HSDB® - Hazardous Substances Data Bank ECHA: European Chemical Agency. Registry of Toxic Effects of Chemical Substances (RTECS)

Information on evaluation method leading to the classification of mixture	The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.
Full text of any H-statements not written out in full under Sections 2 to 15	H318 Causes serious eye damage. H361 Suspected of damaging fertility or the unborn child. H361d Suspected of damaging the unborn child.
This SDS contains revisions in the following section(s):	This safety data sheet contains revisions in the following section(s): 1, 2, 3, 4, 6, 7, 8, 9, 11, 12, 15, 16.
Training information	Follow training instructions when handling this material.
Further information	UFI: C910-G008-E00S-ADWH, Grade: DOT4 ESP UFI: RF10-G0D2-100S-N32N, Grade: DOT5.1 UFI: CJ10-002F-C008-AENQ, Grade: DOT5.1 EHV
Disclaimer	The information provided on this data sheet was abstracted from supplier safety data sheets and standard references in occupational health and toxicology. Federal-Mogul makes no representation or warranty with respect to the information obtained from such references. The information is however, as of the date provided, true and accurate to the best of Federal-Mogul's knowledge, and should be used to make an independent determination of the methods to safeguard workers and the environment.