

ALTRA FR 200 WG

Revision Date: 9/1/2017

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1 PRODUCT AND COMPANY IDENTIFICATION

Supplier:

Quest Car Care Products
3333 Production Ct.
Zeeland, MI. 49464

Phone: 1-616-772-5100

Product Name: Altra FR 200 WG
Supersedes: 11/1/2016
CAS Number: Blend
Chemical Family: Glycols
Synonyms: Fire Resistant Hydraulic Fluid

For emergencies contact: Chemtrec at 1-800-424-9300

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

- Health, Acute toxicity, Oral: Category 4
- Health, Specific target organ toxicity - Repeated exposure: Category 2
- Health, Skin corrosion/irritation: Category 2
- Health, Serious Eye Damage/Eye Irritation: Category 1

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

- Harmful if swallowed
- May cause damage to organs through prolonged or repeated exposure H315 -
- Causes skin irritation
- Causes serious eye damage

GHS Precautionary Statements:

- Avoid breathing dust/fume/gas/mist/vapors/spray.
- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- IF ON SKIN: Gently wash with soap and water.
- IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- IF exposed or concerned: Get medical advice/attention.

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3 COMPOSITION/INFORMATION OF INGREDIENTS

Ingredients:

Cas#	%/Weight	Chemical Name
111-46-6	30-40%	Diethylene glycol
*****	15-20%	Polyalkylene Glycol (proprietary)
334-48-5	<5%	Decanoic acid

4 FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

Skin Contact: Wash with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if needed.

Eye Contact: Flush with water for several minutes. If effects occur, consult a physician.

Ingestion: Seek medical attention immediately. Do not induce vomiting. If person is fully conscious give 1 cup or 8 ounces (240 ml) of water.

If medical advice is delayed and if an adult has swallowed several ounces of chemical, then give 3-4 ounces (1/3-1/2 Cup) (90-120 ml) of hard liquor such as 80 proof whiskey. For children, give proportionally less liquor at a dose of 0.3 ounce (1 1/2 tsp.) (8 ml) liquor for each 10 pounds of body weight, or 2 ml per kg body weight [e.g., 1.2 ounce (2 1/3 tbsp.) for a 40 pound child or 36 ml for an 18 kg child].

Give a copy of the safety data sheet to the physician.

5 FIRE FIGHTING MEASURES

Flammability: Liquid will not burn as made. After the water evaporates, remaining material will burn.

Flash Point: None

EXTINGUISHING MEDIA: Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam. do not use direct water steam. May spread fire. Alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams (including AFFF) or protein foams may function, but will be less effective.

FIRE & EXPLOSION HAZARDS: Violent steam generation or eruption may occur upon application of direct water stream to hot liquids.

FIRE FIGHTING INSTRUCTIONS: Keep people away. Isolate fire and deny unnecessary entry. Burning liquids may be extinguished by dilution with water. Do not use direct water stream. May spread fire. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage. Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

COMBUSTION PRODUCTS: During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Nitrogen oxides. Carbon monoxide. Carbon dioxide.

6 ACCIDENTAL RELEASE MEASURES

Contain spilled material.
 Collect in suitable and properly labeled containers.
 Pick up excess with inert absorbant material
 Keep away from drains and ground water.

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7	HANDLING AND STORAGE
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Handling Precautions: Avoid contact with eyes, skin, or clothing. Handle with care and avoid spillage on the floor (slippage). Do not cut, weld, drill, grind, braze, or solder container.

Do not use sodium nitrite or other nitrosating agents in formulations containing this product. Suspected cancer-causing nitrosamines could be formed. Spills of these organic materials on hot fibrous insulation may lead to lowering of the autoignition temperatures possibly resulting in spontaneous combustion.

Storage Requirements: Store in original container. Shelf life: 2 years

8	EXPOSURE CONTROLS/PERSONAL PROTECTION
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Engineering Controls: All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

Personal Protective Equipment: Use of safety glasses and gloves is recommended.

Exposure Guidelines: Diethylene glycol
OSHA TWA: 10 mg/m³, 50 ppm

9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance: Clear Red
Physical State: Liquid
Odor: Ammoniacal
Solubility: Completely soluble in water
Viscosity: 46 cSt at 40 degrees C 100
Boiling Point: C @ 760mm Hg
Freezing/Melting Pt.: -42 C
Flammability: Not available
Flash Point: None
Partition Coefficient: Not available
Vapor Pressure: Not available
Vapor Density: Not available
pH: 9.5
Evap. Rate: Not available
Bulk Density: Not available
Decomp Temp: Not available
UFL/LFL: Not available

10	STABILITY AND REACTIVITY
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Chemical Stability: Product is stable under normal conditions.

Conditions to Avoid: Exposure to elevated temperatures can cause the product to decompose.

Materials to Avoid: Avoid contact with: strong acids, strong bases, and strong oxidizers.

Hazardous Decomposition: Decomposition products depend upon temperature, air supply and the presence of other materials. Decomposition products can include, but are not limited to: Aldehydes, alcohol, ethers, polymer fragments.

Hazardous Polymerization: Will not occur.

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11 TOXICOLOGICAL INFORMATION

Repeated skin contact with this product may cause dermatitis or an acne.
No test data available on product.
No component is listed as a carcinogen, mutagen, or teratogen.
LD50 / LC50 - No data available

12 ECOLOGICAL INFORMATION

Avoid exposing to the environment, no specific aquatic data available

13 DISPOSAL CONSIDERATIONS

Dispose of waste material in accordance with all local, state/provincial, and national requirements
Do not flush to surface water or drains

14 TRANSPORT INFORMATION

DOT: Not regulated as a dangerous goods
IATA: Not regulated as a dangerous goods
IMDG: Not regulated as a dangerous goods

15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

Diethylene glycol (111-46-6) [30-40%] HAP, PA, TSCA

Polyalkylene Glycol (0) [15-20%] GADSL, REACH

Decanoic acid (334-48-5) [<5%] TSCA

Regulatory CODE Descriptions

HAP = Hazardous Air Pollutants
PA = PA Right-To-Know List of Hazardous Substances
TSCA = Toxic Substances Control Act
GADSL = Global Automotive Declarable Substance List (GADSL)
REACH = REACH List of Substances of Very High Concern (RSL)

16 OTHER INFORMATION

The information contained in this Safety Data Sheet relates only to the specific material designated. Quest Car Care Products assumes no legal responsibility for use or reliance upon this data. This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Quest Car Care Products.