

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Altra CHO Additive
CAS Number: Blend

Company Identification

Allegheny Petroleum Products Co.
999 Airbrake Avenue
Wilmerding, PA 15148 USA
1-412-829-1990 (For product information)
1-800-424-9300 (For emergencies)
1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT LISTING:

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
PENTAERYTHRITOL MONOOLEATE	100.0 %	10332-32-8

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

COMPOSITION COMMENT:

This product does not contain any components required to be reported per the SARA Section 313.

HAZARDS DISCLOSURE

This product contains no known hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

As defined under Sara 311 and 312, this product contains no known hazardous materials.

3. HAZARDS IDENTIFICATION

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***** EMERGENCY OVERVIEW *****
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* Low hazard for usual industrial or commercial
* handling.
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HMIS Rating - Health: 1
Flammability: 1
Reactivity: 0

POTENTIAL HEALTH EFFECTS

EYE:

Similar materials are not classified as eye irritants.

SKIN:

Similar materials are not classified as skin irritants.

INHALATION:

No information available.

INGESTION:

Similar materials are not considered toxic.

CHRONIC EFFECTS:

None known.

TARGET ORGAN:

Routes of entry: Skin Contact.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Rinse immediately with plenty of water, also under eyelids, for at least 15 minutes. Do not rub eyes; mechanical action may cause corneal damage. Adverse health effects develop, seek medical attention.

SKIN CONTACT FIRST AID:

Wash thoroughly with soap and water.

INHALATION FIRST AID:

Immediately remove victim to fresh air. If breathing has stopped, administer artificial respiration. Seek medical attention immediately.

INGESTION FIRST AID:

Call a physician or poison control center immediately.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

COC Flash Point: 273.9 C (525.0 F)
Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: N/A
UEL: N/A

EXTINGUISHING MEDIA:

Water spray, foam, carbon dioxide, and dry chemical.

FIRE & EXPLOSION HAZARDS:

None known.

COMBUSTION PRODUCTS:

Carbon dioxide, carbon monoxide.

MISCELLANEOUS:

In case of fire, keep containers cool with water spray. If a spill or leak has not ignited, use water spray to disperse the vapors. Water spray may be used to flush spills away from fire.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Wear adequate personal protective clothing and equipment.

If applicable, report spills to the proper environmental agencies as required by federal, state and local regulations.

INITIAL CONTAINMENT:

Add dry material to absorb spill.

LARGE SPILLS PROCEDURE:

Dike to contain.

MISCELLANEOUS:

Pick up spilled material and containerize for recovery or disposal. Flush area with water to remove residues.

7. HANDLING AND STORAGE

HANDLING (PERSONNEL):

No particular measures required.

HANDLING (PHYSICAL ASPECTS):

Avoid container damage while handling and storing.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Ensure adequate ventilation.

EYE / FACE PROTECTION REQUIREMENTS:

Wear safety glasses with side shields.

SKIN PROTECTION REQUIREMENTS:

Wear protective gloves made of plastic or rubber.

RESPIRATORY PROTECTION REQUIREMENTS:

Not applicable with adequate ventilation.

EXPOSURE GUIDELINES:

No Information Available.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Liquid
COLOR: Amber to Yellow
ODOR: Ester-like
SOLUBILITY IN WATER ...: Insoluble

10. STABILITY AND REACTIVITY

STABILITY:

Stable.

POLYMERIZATION:

Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS:

Avoid contact with strong oxidizing agents, bases and strong acids.

DECOMPOSITION:

No decomposition if used according to specifications.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS:

Not irritating (analogy).

SKIN EFFECTS:

Not irritating (analogy).

(section 11 continued)

ACUTE ORAL EFFECTS:

LD50 > 2000 mg/kg body weight (analogy).

MISCELLANEOUS:

No toxicity information available or testing conducted on this product. Any health or toxicological information included is based on data associated with the components or an analagous product.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS:

Readily and rapidly degradable. All organic substances contained in the product achieve > 60% BOD/COD or CO2 liberation, or > 70% DOC reduction in tests for ease of degradability. Threshold values for 'readily degradable' (e.g. to OECD method 301) are reached.

MISCELLANEOUS:

Acute fish toxicity: LC50 > 100 mg product/l. (analogy).

Acute bacterial toxicity: EC0 > 100 mg product/l. (analogy).

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Avoid landfilling liquids. Reclaim where possible. All recovered material should be packaged, labeled, and disposed or reclaimed in conformance with applicable laws and regulations and in conformance with good engineering practices.

14. TRANSPORTATION INFORMATION

PRODUCT LABEL: Altra CHO Additive
D.O.T. SHIPPING NAME ...: Not Regulated by DOT

MISCELLANEOUS:

Not hazardous according to RID, ANR, ADNR, IMDG, IATA-DGR, CFR and TDG.

The transportation information provided represents the regulatory transport classification of the product without consideration to packaging, quantity, or modal restrictions and exceptions. It is the user's responsibility to determine the appropriate packaging and modal requirements and/or limitations for the product quantity being shipped.

15. REGULATORY INFORMATION

MISCELLANEOUS INFORMATION:

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

16. OTHER INFORMATION

REASON FOR ISSUE ...: NEW
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SUPERCEDES DATE: New
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END OF MSDS
