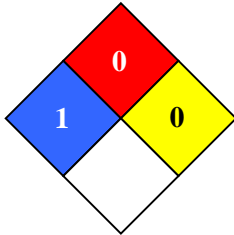


Alusynt CE 500

Synthetic Compressor Lube



Material Safety Data Sheet

Health:	1
Flammability:	0
Reactivity:	0
Personal Protection:	B

SECTION 1

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

ChemTech, LLC
1030 South Main Street
Lillington, North Carolina 27546

Telephone Number: (910) 514-9575
Fax Number: (910) 514-9577

EMERGENCY TELEPHONE NUMBERS

CHEMTECH, LLC (910) 514-9575 Normal Business Hours
CHEMTEL (800) 255-3924 After Business Hours

PRODUCT NAME
CHEMICAL NAME

Alusynt CE 500
Mixture

DATE CREATED 10/25/10
DATE CHANGED 11/15/14

CAS. No.
CHEMICAL FAMILY

See Section 2
Compressor Lubricant

SECTION 2

COMPOSITION, INFORMATION ON HAZARDOUS INGREDIENTS

A. Hazardous Ingredients

Percentage

Exposure Limits

None Listed

B. Other Ingredients

Percentage

Exposure Limits

Emulsifiers, Rust Preventatives
And EP Additives

Balance

None Established

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SECTION 3

HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES

Eye contact with product concentrate may result in eye injury. At use dilution, material contact with eyes will cause stinging and redness.

INGESTION

Ingestion of small amounts of this material may cause diarrhea, nausea and vomiting.

INHALATION

Not likely to occur except as a mist. Prolonged or repeated exposure to mist may cause irritation of the upper respiratory tract.

SKIN

Prolonged exposure to skin can cause dryness, irritation, and dermatitis.

ADDITIONAL DATA

None Known

PRIMARY ROUTE(S) OF ENTRY

Eyes, Skin and Inhalation of Oil Mist

CHRONIC INFORMATION

Prolonged and/or repeated contact with this material may produce skin, respiratory tract and eye irritation.

CARCINOGEN STATUS

OSHA:	No
NTP:	No
IARC:	No
ACGIH:	No

This product does not require a cancer hazard warning in accordance with the OSHA Hazard Communication Standard.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Product may aggravate existing skin irritation where further defatting or skin penetration could occur.

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SECTION 4

FIRST AID MEASURES

EYES

Flush eyes immediately with water for a minimum of 15 minutes occasionally lifting lower and upper lids. Get medical attention promptly.

INGESTION

If the material is swallowed, get immediate medical attention or advice. Do not induce vomiting. Give two glasses of water or milk to dilute chemical. Immediately contact a physician and obtain treatment.

INHALATION

If symptoms are experienced, remove patient to fresh air. If breathing is difficult, give oxygen; if not breathing give artificial respiration. If symptoms persist, get medical attention.

SKIN

Wash skin thoroughly with soap and water. Immediately remove contaminated clothing and launder before reuse. If irritation or rash develops, obtain medical assistance.

NOTE TO PHYSICIAN

Not Applicable for this product.

SECTION 5

FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT	> 240C
AUTO IGNITION	> 350C
LOWER EXPLOSIVE LIMIT (%)	Not Available
UPPER EXPLOSIVE LIMIT (%)	Not Available

FIRE AND EXPLOSION HAZARDS

Product is combustible. If heated, this material may release flammable vapors, which can burn in the open or be explosive in confined spaces if exposed to an ignition source.

EXTINGUISHING MEDIA

Dry Chemical, Carbon Dioxide, or Chemical Foam.

FIRE FIGHTING INSTRUCTIONS

Use water spray only to cool containers exposed to flame. Do not enter enclosed or a confined work space without proper protective equipment.

HAZARDOUS PRODUCTS OF COMBUSTION

Smoke, fumes, and oxides of carbon.

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SECTION 6

ACCIDENTAL RELEASE MEASURES

OCCUPATIONAL SPILL

General: Wear appropriate protective equipment. Stop leak if possible without personal risk. Shut off all ignition sources. Ventilate spill area if in a small area, or ventilation is poor. Dike to contain spill. Absorb spill on a non-combustible absorbent material and place in a suitable container for disposal. Flush area with water and mop up thoroughly. Dispose of material as dictated by all Federal, state and local regulations that apply.

REPORTABLE QUANTITY (RQ) No RQ Value

The Superfund Amendments and Reauthorization Act (SARA) Section 304 requires that a release equal to or greater than the reportable quantity for this substance be immediately reported to the local emergency planning committee and the state emergency response commission (40 CFR 355.40). If the release of this substance is reportable under CERCLA Section 103, the National Response Center must be notified immediately at (800) 424-8802 or (202) 426-2675 in the metropolitan Washington, D.C area (40 CFR 302.6).

SECTION 7

HANDLING AND STORAGE

HANDLING AND STORAGE:

Observe all federal, state and local regulations when storing this substance.

BONDING AND GROUNDING:

Not Applicable with this product.

SENSITIVITY TO (SHOCK) IMPACT:

Not Applicable with this product.

HANDLING AND STORAGE PRECAUTIONS:

Avoid all contact of product with eyes or skin. Do not store material in direct sunlight or elevated temperatures. Keep away from flames, sparks and temperatures approaching the flash point. Never use a torch to cut or weld on or near container. Empty containers can contain explosive vapors. Store away from incompatible substances. Wash thoroughly after handling.

WORK / HYGIENIC PRACTICES

Wash hands with soap and water before eating, drinking, smoking or use of toilet facilities. Take a shower after work if general contact occurs. Remove soaked clothing and launder before reuse. Launder or discard contaminated shoes and leather gloves.

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SECTION 8

EXPOSURE CONTROLS AND PERSONAL PROTECTION

ENGINEERING CONTROLS

For most applications, normal shop ventilation is adequate. For such applications, use of splash guards or mist collectors is recommended.

EYE / FACE PROTECTION

Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material. Eye contact should be prevented through use of chemical safety glasses with side shields or splash proof goggles.

SKIN PROTECTION

Skin contact should be prevented through use of suitable protective clothing, gloves and footwear, selected with regard for use conditions and exposure potential. Consideration must be given both to durability as well as permeation resistance. Acceptable materials for gloves are neoprene; nitrile; viton; or other material resistant to petroleum oils.

OTHER / GENERAL PROTECTION

If there is a likelihood of splashing, oil resistant clothing should be worn. Never wear soaked clothing. Launder or dry clean before wearing. Discard oil soaked shoes.

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & DESCRIPTION

Light amber viscous liquid.

ODOR

Mild

BASIC PHYSICAL PROPERTIES

PHYSICAL STATE	Liquid
FLASHPOINT	> 240C
BOILING POINT	> 200C
AUTO IGNITION	> 350C
PH	Neutral
SPECIFIC GRAVITY	0.955 ± 0.01 Water = 1.0
SOLUBILITY IN WATER	Negligible
SOLUBILITY IN SOLVENT	Soluble in aromatic solvent
VISCOSITY, CST @ 40C	100 mm ²
POUR POINT, C	-30C

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SECTION 10

STABILITY AND REACTIVITY

STABILITY AND REACTIVITY

Material is stable at standard temperatures and pressures.

CONDITIONS TO AVOID

Avoid sources of ignition and incompatible materials.

INCOMPATIBLE MATERIALS

Strong oxidizers and acids.

HAZARDOUS DECOMPOSITION'S PRODUCTS

Smoke, fumes and oxides of carbon, oxides of nitrogen, and hydrogen chloride.

HAZARDOUS POLYMERIZATION

Will not occur.

SECTION 11

TOXICOLOGICAL INFORMATION

EYE CONTACT

The fluid concentrate is a primary eye irritant.

SKIN CONTACT

Material may cause irritation and dermatitis with prolonged or repeated contact.

INGESTION

Test on similar materials indicates possible irritation, nausea or diarrhea.

INHALATION

Material is a possible aspiration hazard. Acute toxicity expected on inhalation of mist concentrations that exceed the recommended exposure standard (see section 4).

SYSTEMIC (ORGAN) EFFECTS DATA:

Does Not contain component(s) which causes systemic effects in studies.

TERATOLOGY (BIRTH DEFECTS) DATA:

Does Not contain component(s) which causes birth defects in studies.

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SECTION 12

ECOLOGICAL INFORMATION

ENVIRONMENTAL IMPACT RATING (0-4)	No data available
ACUTE AQUATIC TOXICITY	No data available
LOG BIOCENTRATION FACTOR (BCF)	No data available
LOG OCTANOL / WATER PARTITION COEFFICIENT	No data available

SECTION 13

DISPOSAL CONSIDERATIONS

Observe and follow all Federal, state, and local regulations when disposing of this material. If "used," RCRA criteria must be determined. Therefore, each facility should assess each waste stream to determine if the used fluid should be treated as a hazardous waste. Empty containers will contain a residue and may be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks or other sources of ignition as explosion may result.

SECTION 14

TRANSPORTATION INFORMATION

U.S DOT SHIPPING NAME	NOT regulated by the D.O.T.
U.S. DOT HAZARD CLASS	
U.S. DOT IDENTIFICATION NUMBER	
U.S. DOT PACKING GROUP NUMBER	
U.S. DOT EMERGENCY GUIDE NUMBER	
U.S. DOT LABELING REQUIREMENTS	
This product is NOT regulated by DOT	49 CFR 172.101

SECTION 15

REGULATORY INFORMATION

U.S. FEDERAL REGULATORY INFORMATION	
SARA 302 Extremely Hazardous Substances:	Not Applicable
SARA 304 Reportable Quantities:	Not Applicable
SARA 311 and 312 Hazardous Substances Categories:	
Immediate (Acute) Health Effects:	Yes
Delayed (Chronic) Health Effects:	No
Fire Hazard:	Yes
Sudden Release of Pressure Hazard:	No
Reactivity Hazard:	No
SECTION 313 Toxic Release Inventory:	Not Applicable
TSCA Inventory	
The ingredients of this product are on the TSCA inventory.	
CERCLA SECTION 103 Reportable Quantities:	Not Applicable

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SECTION 16

OTHER INFORMATION

NFPA HAZARD RATING

HEALTH: 1 Slight **FIRE:** 0 Minimal **REACTIVITY:** 0 Minimal **SPECIFIC HAZARD:**

HAZARDOUS MATERIALS IDENTIFICATION LABELING (HMIS)

HEALTH: 1 Slight **FIRE:** 0 Minimal **REACTIVITY:** 0 Minimal **PERSONAL PROTECTION:** B

The information contained in this Material Safety Data Sheet has been prepared based upon data believed to be reliable, an evaluation of the ingredients in the product, their concentration in the product and potential interactions. The information is offered in good faith and is believed to be reliable and reflects our best professional judgment. Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequence of its use. Each individual should make a determination as to the suitability of the information for his / her particular purpose(s). It is furnished to our customer who is urged to study it carefully to become aware of hazards, if any, in the storage, handling, use and disposal of the product; and to insure his employees are properly informed and advised of all safety precautions required. The information is furnished for compliance with the "Occupational Safety and Health Act" of 1970, the "Hazards Communication Act" of 1983 as well as various other Federal, State and Local regulations. Law prohibits use or dissemination of all or part of this information for any other purpose.