



Material Safety Data Sheet

OSHA / ANSI 2003 Compliant

MSDS date: 07-May-2004

NFPA Rating: Health: 2 Flammability: 1 Instability: 0 **Special Hazards:** None known.

HMIS Rating: Health: 2 Flammability: 1 **Physical Hazard:** 0 **Personal Protection:** B

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: ALCOMER 123LA

Product Number: 7861709

Chemical Family: Anionic polyacrylamide emulsion

Manufacturer/Supplier: Ciba Specialty Chemicals Corporation
2301 Wilroy Road
Suffolk, VA 23434
8:30am - 5pm Phone Number: 1-757-538-3700
MSDS Request Line (voicemail): 1-800-431-2360
Customer Service/Product Information 1-800-322-3885

Emergency 24-Hour Health/Environmental Phone: 1-800-873-1138

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Signal Word: CAUTION!
Physical Form: Liquid
Color: White
Odor: Hydrocarbon-like
Health: This product may cause eye, skin and respiratory tract irritation. Prolonged or repeated contact may cause dermatitis and serious irreversible skin disorders. Mists and vapors may cause irritation to nose and respiratory tract. Exposure to aerosols may result in lung damage. Ingestion may cause nausea, vomiting and diarrhea. Aspiration of liquid during ingestion or vomiting may cause severe chemical pneumonitis..
Physical Hazards: Spills are very slippery.

OSHA Hazardous Substance: This material is classified as hazardous under OSHA regulations.

Primary Route(s) of Entry: Skin, Inhalation, Eyes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Components	CAS Number	Weight %
DISTILLATES, PETROLEUM, HYDROTREATED LIGHT	64742-47-8	20-40

NON-HAZARDOUS COMPONENTS

Components	CAS Number	Weight %
2-Propenamide, polymer with 2-propenoic acid, ammonium salt	26100-47-0	20-40

4. FIRST AID MEASURES

- Eyes:** Flush the eye(s) with lukewarm, gently flowing water for 5-10 minutes or until the chemical is removed. Get medical attention if irritation persists.
- Skin:** Wash off immediately with soap and plenty of water. Get medical attention if irritation occurs. If clothing is contaminated, remove and launder before reuse.
- Inhalation:** Remove to fresh air, if not breathing give artificial respiration. If breathing is difficult, give oxygen and get immediate medical attention.
- Ingestion:** Do not induce vomiting. If vomiting occurs naturally, have casualty lean forward to reduce the risk of aspiration. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES

- Fire Fighting Measures:** Standard procedure for chemical fires. Cool fire-exposed containers with water.
- Suitable Extinguishing Media:** Carbon dioxide, dry chemical or foam.
- Fire Fighting Equipment:** Wear self-contained breathing apparatus and protective suit.
- Hazardous Combustion Products:** Burning may produce toxic combustion products.

6. ACCIDENTAL RELEASE MEASURES

- Cleanup Instructions:** Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Wear suitable protective equipment. Should not be released into the environment. Spills are very slippery. Clean up promptly.
- Other Information:** The petroleum distillates in this product is/are classified as an oil under Section 311 of the Clean Water Act. Spills entering (A) surface waters or (B) any water courses or sewers entering/leading to surface waters that cause a sheen must be reported to the National Response Center (NRC: 800-424-8801).

7. HANDLING AND STORAGE

- Handling:** As with all industrial chemicals, use good industrial practices when handling. Avoid eye, skin, and clothing contact. Do not inhale. Do not taste or swallow. Use only with adequate ventilation. Keep away from heat, sparks and flame.

Storage: Avoid extremes of temperature. Store between 10 - 40 °C (50 - 104 °F). Do not store in mild steel containers.

For Industrial Use Only

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

There are no OSHA or ACGIH exposure guidelines available for component(s) in this product.

Components	OSHA PEL	OSHA STEL	ACGIH TWA	ACGIH STEL	Ciba/ Manufacturer IEL:
DISTILLATES, PETROLEUM, HYDROTREATED LIGHT 64742-47-8			200 mg/m ³		

Personal Protective Equipment

Eye/Face Protection: Wear splash proof chemical goggles.

Skin Protection: Wear chemical resistant gloves and protective clothing.

Respiratory Protection: Use NIOSH approved respirator as needed to mitigate exposure.

Engineering Controls: Work in well ventilated areas. Do not breathe vapors or mist. Local exhaust recommended.

Other Protective Equipment: Eye wash station and safety shower should be available in immediate work area. Select additional protective equipment based upon potential for exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Liquid
Color:	White
Odor:	Hydrocarbon-like.
Boiling Point:	Not determined
Freezing/Melting Point:	-18°C (0°F)
Solubility in water:	Soluble, solubility limited by viscosity
Vapor Density:	Not determined
Vapor Pressure:	As water
Specific Gravity:	~ 1
pH:	6 - 9.5
Percent Volatile:	Not determined
VOC:	Not determined
Partition Coefficient (Octanol/Water):	Not determined
Autoignition Temperature:	Not determined
Decomposition Temperature:	Not determined
Flammability Limits in Air:	
Upper	Not determined
Lower	Not determined
Flash point:	> 93.33°C (200°F)
Test Method (for Flash Point):	Pensky-Martens Closed Cup (ASTM D-93)

10. STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to Avoid:	Avoid wet and humid conditions. Avoid high temperatures.
Incompatibility:	Strong oxidizing agents. (may degrade polymer)
Hazardous Decomposition Products:	No decomposition expected under normal storage conditions.
Possibility of Hazardous Reactions:	None expected.

11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity:	Low oral toxicity.
Acute Dermal Toxicity:	Not determined
Acute Inhalation Toxicity:	Not determined
Eye Irritation:	May cause eye irritation.
Skin Irritation:	Prolonged or repeated contact can remove skin oils, possibly leading to dry skin, irritation, or dermatitis.
Skin Sensitization:	Not determined
Carcinogenicity (IARC; NTP; OSHA; ACGIH):	None of the components in this product at concentrations greater than 0.1% are listed by IARC; NTP, OSHA or ACGIH as a carcinogen.
Carcinogenicity Studies:	Not listed as a carcinogen by IARC, NTP, OSHA, or ACGIH.
Mutagenicity:	No data for product.
Reproductive Toxicity:	No data for product.
Teratogenicity:	No data for product.
Neurotoxicity:	Not determined
Subacute Toxicity:	Not determined
Subchronic Toxicity:	Not determined
Chronic toxicity:	Not determined
Absorption / Distribution / Excretion / Metabolism:	Not determined
Additional Information:	Not determined

12. ECOLOGICAL INFORMATION

Toxicity to Fish:	Not determined
Toxicity to Invertebrates:	Not determined
Toxicity to Algae:	Not determined
Toxicity to Sewage Bacteria:	Not determined
Activated Sludge Respiration Inhibition Test:	Not determined
Biochemical Oxygen Demand (BOD):	Not determined
Chemical Oxygen Demand (COD):	Not determined
Total Oxygen Demand (TOD):	Not determined
Biodegradability:	Not determined
Bioaccumulation:	Not determined
Additional Environmental Data:	No data available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal:	Dispose in accordance with local, state, provincial and federal regulations.
Container Disposal Information:	Emptied containers may contain product residue and should not be reused.

14. TRANSPORT INFORMATION

U.S. Department of Transportation (DOT):

Not regulated for this mode of transport.

DOT (Bulk) Oil Statement:

This product is considered to be an oil per the definitions in 49 CFR 130.2. If packed in a container with a capacity of 3,500 gallons or more, the Communication Requirements at 49 CFR 130.11 and the Response Plan Requirements at 49 CFR 130.31 and 130.33 apply to Domestic transportation by motor vehicles and rolling stock.

Notification of releases to the National Response Center (NRC), 800-424-8802, may be necessary. In the Washington, DC metropolitan area, call 202-426-2675.

International Maritime Dangerous Goods (IMDG):

Not regulated for this mode of transport.

International Air Transportation Authority (IATA):

Not regulated for this mode of transport.

15. REGULATORY INFORMATION**Federal Regulations****OSHA Hazardous Substance:** This material is classified as hazardous under OSHA regulations**Clean Air Act - Hazardous Air Pollutants (HAP):** This product contains the following Hazardous Air Pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

Components	CAA Section 112 Statutory Hazardous Air Pollutants
2-propenamide 79-06-1	Listed.

Clean Air Act - Volatile Organic Compounds (VOC): This product contains the following SOCM Intermediate or Final Volatile Organic Compounds (VOC), as defined by the U.S. Clean Air Act Section 111 (40 CFR 60.489).

Components	CAA Section 111 Volatile Organic Compounds
2-propenamide 79-06-1	Listed.

Clean Air Act - Ozone Depleting Substances (ODS): This product neither contains, nor was manufactured with, a Class I or Class II ozone depleting substance (ODS), as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App. A+B).**Clean Water Act - Priority Pollutants (PP):** This product does not contain any priority pollutants listed under the U.S. Clean Water Act Section 307 (2)(1) Priority Pollutant List (40 CFR 401.15).**Resource Conservation and Recovery Act (RCRA):** Not a hazardous waste under RCRA (40 CFR 261.21).**SARA Section 302 Extremely Hazardous Substances (EHS):** This product contains the following component(s) regulated under Section 302 (40 CFR 355) as Extremely Hazardous Substances.

Components	Section 302 Extremely Hazardous Substances (EHS)
2-propenamide 79-06-1 (0-0.05 %)	Listed.

SARA Section 304 CERCLA Hazardous Substances: This product contains the following component(s) regulated under Section 304 (40 CFR 302) as hazardous chemicals for emergency release notification ("CERCLA" List).

Components	Section 304 CERCLA Hazardous Substances	CERCLA Reportable Quantity
2-propenamide 79-06-1 (0-0.05 %)	Listed.	5000 LBS

SARA Section 311/312 Hazard Communication Standard (HCS): This product is regulated under Section 311/312 HCS (40 CFR 370), Acute (immediate) health hazard.**SARA Section 313 Toxic Chemical List (TCL):** This product does not contain any component(s) listed on the Section 313 Toxic Chemical List.

TSCA Section 8(b) Inventory Status: All component(s) comprising this product are either exempt or listed on the TSCA inventory.

TSCA Section 5(e) Consent Orders: This product is not subject to a Section 5(e) Consent Order.

TSCA Significant New Use Rule (SNUR): This product is not subject to a Significant New Use Rule (SNUR).

TSCA Section 5(f): This product is not subject to a Section 5(f)/6(a) rule.

TSCA Section 12(b) Export Notification: This product does not contain any component(s) that are subject to a Section 12(b) Export Notification

FDA Status: Has been cleared for use as Adhesives complying with 21 CFR 175.105 and also cleared for use as Acrylamide-acrylic acid resins complying with 21 CFR 176.110, 176.170 and 176.180 used as an adjuvant in the manufacture of paper and paperboard at a use level not to exceed 2% by weight of the paper or paperboard.

State Regulations

California Proposition 65: This product contains the following component(s) currently on the California list of Known Carcinogens and Reproductive Toxins.

Components	California Proposition 65
2-propenamide 79-06-1	Carcinogenic.

Pennsylvania Right-To-Know: This product contains the following component(s) which are subject to Pennsylvania Right-to-Know disclosure requirement.

Components	CAS Number	Pennsylvania Right-to-Know
2-Propenamide, polymer with 2-propenoic acid, ammonium salt	26100-47-0	Not Listed.
2-propenamide	79-06-1	Listed. Environmental hazard.
Water	7732-18-5	Not Listed.
DISTILLATES, PETROLEUM, HYDROTREATED LIGHT	64742-47-8	Not Listed.
VENDOR PROPRIETARY	T179	Not Listed.

International Regulations

Chemical Weapons Convention (CWC): This product does not contain any component(s) listed under the Chemical Weapons Convention Schedule of Chemicals.

Domestic Substance List (DSL) Status: All components are listed on the DSL.

16. OTHER INFORMATION

Reason for revision: New MSDS format.

Product Safety & Regulatory (PS&R) contact: Amy Perkins (757) 538-5126

Disclaimer: The information contained herein is based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to such data or information. The user is responsible for determining whether the product is suitable for its intended conditions of use.