

MATERIAL SAFETY DATA SHEET

SECTION 1 - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME: **LDA301 Wetting Additive**

MANUFACTURED BY:



Lorama Inc.
221 Nipissing Road
Milton, Ontario Canada L9T 1R3
(905) 878-2833

24 HOUR EMERGENCY TELEPHONE NUMBER:

CANUTEC (613) 996-6666

USE IN CASE OF A DANGEROUS GOODS EMERGENCY

CHEMICAL FAMILY: Fatty acid modified Polymer

MATERIAL USE: Dispersing Agent

FLAMMABILITY 0

REACTIVITY 0

HEALTH 0

PERSONAL PROTECTION B

SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Ingredients	Approx % Concentration	CAS or UN number	Exposure Limits	LD ₅₀	LC ₅₀
None					

SECTION 3 - PHYSICAL DATA

* Values are not product specifications.

Physical State Gas <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Solid <input type="checkbox"/>	Appearance Translucent brown liquid	Odor Characteristic	Odor Threshold Not available	Density 1.04 g/cm ³
Vapor Pressure (mm) Not available	Vapor Density (Air = 1) Not available	Evaporation Rate Not available	Boiling Point (°C) Not available	Freezing Point (°C) Not available
Solubility in Water Not miscible	% solids (by weight) 100%	pH Not available	Coefficient of Water/Oil Distribution Not available	TSCA

SECTION 4 - FIRE AND EXPLOSION DATA

Flammability Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If YES under which conditions / comments:			
Means of Extinction Carbon dioxide, dry chemical or foam				
Special Procedures Wear self-contained breathing apparatus and protective suit				
Flashpoint (°C) and Method Not available	Upper Explosion Limit (% by volume) Not available	Lower Explosion Limit (% by Volume) Not available		
Auto Ignition Temperature Not available	TDG Flammability Classification Not available	Hazardous Combustion Products Burning may product toxic combustion products		
Explosion Data Not applicable	Rate of Burning Not applicable	Sensitivity to Static Discharge Not available		

SECTION 5 - REACTIVITY DATA

Chemical Stability Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If NO under which conditions?
Incompatibility to other substances Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If YES, which ones? Strong oxidizing agents, strong acids and strong bases
Reactivity and under what conditions: None expected	
Hazardous Decomposition Products: No decomposition expected under normal storage conditions.	

SECTION 6 - TOXICOLOGICAL PROPERTIES

Route of Entry <input type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> Inhalation Acute <input type="checkbox"/> Inhalation Chronic <input checked="" type="checkbox"/> Ingestion		
Effects of Acute Exposure to Product Not available		
Effects of Chronic Exposure to Product None known		
Carcinogenicity <input type="checkbox"/>	Reproductive Effects <input type="checkbox"/>	Teratogenicity <input type="checkbox"/>
Does not meet HMIS criteria for these effects		
LD ₅₀ of product (Specify Species and Route) Not available	Irritancy of Product No irritant effect on eyes or skin	Exposure Limits of Products Not available
LC ₅₀ of Product (Specify species) Not available	Sensitization of Product No sensitizing effects known	Synergistic Materials None known

SECTION 7 - PRECAUTIONS AND PREVENTATIVE MEASURES

Personal Protective Equipment

Gloves and goggles may be worn

Gloves (Specify)	Respiratory (Specify)	Eye (Specify)	Footwear (Specify)
Protective and chemical resistant gloves	NIOSH approved respirator as needed to mitigate exposure	Splash proof chemical goggles	Not needed
Clothing (Specify)	Other (Specify)		
Protective clothing	None		

Engineering Controls (e.g. ventilation, enclosed process, specify)

Work in well ventilated area. Do not breathe vapors or mist.

Leak and Spill Procedures

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.

Waste Disposal

Consult local environmental agencies.

Handling Procedures and Equipment

Avoid eye, skin and clothing contact. Do not inhale, taste or swallow. Use only with adequate ventilation.

Storage Requirements

Keep containers tightly closed in a cool, well-ventilated place.

General Shipping Information

Class 55 - Non-Hazardous, No Restrictions

SECTION 8 - FIRST AID TREATMENT

Skin

Wash thoroughly using soap and warm water. Get medical attention if irritation occurs.

Eyes

Wash with gently flowing lukewarm water for at least fifteen minutes. Consult physician.

Inhalation

Move 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. Consult physician.

General Advice

SECTION 9 - PREPARATION DATE

Additional Information / Comments

We assigned hazards to this product based on its ingredients. Since the customer is aware of the application and method of use, the customer must ensure that proper health and safety procedures are followed.

Preparation Date June 3, 2003

Revision Date May 22, 2007