

MATERIAL SAFETY DATA SHEET

SECTION 1

Material Identification and Use

Material Name/Identifier: **LT Alumiprep**

Manufacturer's Name: LT Coatings
122 Saunders Rd.
Barrie Ontaio
Tel: 705.725.5455
Fax: 705.728.0334

In case of a Dangerous Goods Emergency Call Canotec's 24 Hour Number 613.996.6666

Material Use: Acid based detergent, degreaser and metal brightener

SECTION 2

Hazardous Ingredients/Information

<u>Hazardous Ingredients</u>	<u>%</u>	<u>CASNA</u>	<u>Exposure Limits</u>	<u>Vapor Pressure</u>
Phosphoric Acid		7664-38-2	airborne TWA 5 ppm	
Duipropylene Glycol Monomethyethc	4% max	034590-94-8		
Isopropyl Alcohol	4% max	000067-63-0		
Amonium Bifloride		1341-49-7	2.5mg/m3 a: 25 ppm as NH3 35 ppm as N:25ppm as NH3 STEL	
	<u>HMIS Code</u>			<u>NFPA</u>
	Health			Health
	Flammability			Flammability
	Reactivity			Reactivity
	Personal Protection			Personal Protection

SECTION 3

Physical/Chemical Characteristics

Physical State:	Liquid, water clear	Melting Point:	N/A
Boiling Point:	212°F	Specific Gravity:	1.2
Evaporation Rate(Air=1):		% Solid by Weight:	
Vapor Density(Air=1):	<air	% Solid by Volume:	10%
Weight Per Gallon:	9.8	VOC:	
pH	2		

SECTION 4 Fire & Explosion Hazard Data

DOT Category:	Combustible
Flash Point:	none
Extinguishing Media:	Water spray, Dry Chemical, Carbon Dioxide, Al foam
Unusual Fire and Explosion Hazards:	Will release hydrogen chloride gas when heated
Special Fire Fighting Procedures:	None

SECTION 5 Health Hazard Data

Threshold Limit Value:	Airborne TWA 5 ppm	Refer to Section 2
Primary Routes of Entry:	Inhalation, Skin Absorption, Ingestion	
Effects of Over-Exposure:		
To Vapors:	Concentrated vapors may be harmful	
Acute:	inhaled irritate trachea	
Chronic:	None known	
Eyes	permanent damage if not treated, skin-burns,	
Ingested	burns to esophagus	
Emergency First Aid Procedures:		
Inhalation:	Get fresh air	
Skin Contact:	Wash with mild soap and water	
Eye Contact:	Wash with gentle stream of water for at least 15 minutes and consult a physician	
Ingestion:	Give water and consult a physician DO NOT INDUCE VOMITING, drink water/milk/magnesia	

SECTION 6 Reactivity Data

Stability:	Stable
Conditions to Avoid:	Strong Oxidizers
Hazardous Decomposition of Product:	Phosphoric oxide may be emitted if temperatures reach thermal decomposition
Hazardous Polymerization:	Will not occur

SECTION 7 Spill or Leak Procedures

Steps to be taken if material is released or spilled:

For spills neutralize with soda ash

Rinse any spilled product with excess water

Waste disposal method:

Dispose in accordance with local, state and federal regulations

Small quantities of waste may be disposed of by diluting with large quantities of water

SECTION 8 Special Protection Information

Respiratory Protection:	If TLV is exceeded, wear a Niosh approved respirator.
Ventilation:	Mechanical (General) In satisfactory
Protective Gloves:	Water resistant
Eye Protection:	Safety goggles
Other Protection:	Boots and apron if working conditions merit.
Hygienic Work Practices:	Remove and wash contaminated cloth before reuse

SECTION 9 Special Precautions

Precaution to be take in handling and storing:

Do not store below 32°F

Keep container tightly closed

SECTION 10 Preparation Date of MSDS

Sources Used:	
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Date:	April 2007