

# MATERIAL SAFETY DATA SHEET

Product: Liquid Dish Detergent

Generic Name: 350 ULTRA CYCLE

## Section I

Manufacturer's Name	ALCO. Chemical Inc.	Phone Number	704-528-0123
Responsible Party	A.L.C.O.		
Address	628 South Main St. Troutman, NC 28166	Emergency Number	1-800-255-3924

## Section II -- Hazardous Ingredients/Identity Information

Chemical Name	CAS #	WT %	Pel (PPM)	TLV (PPM)		Carcinogenic
				TWA	STEL	
Sodium Hydroxide	1310-73-2	10%-15%		3	NE	No
Potassium Hydroxide	1310-58-3	1%-5%		NE	NE	No
Sodium Glucoheptonate	31138-65-5	1%-5%		NE	NE	No

## Section III -- Physical Data

Boiling Point F.	220 (initial)	Specific Gravity	1.1
Vapor Pressure mm .Hg	68F	Melting Point	N/A
% Solubility in Water	Complete	Evaporation Rate vs. water	<1
Vapor Density (Air=1)	>1	pH	13+

Appearance and Odor: Reddish Brown liquid with pungent odor.

## Section IV -- Fire and Explosion Hazard Data

Flash Point F (TCC)	N/A	Flammable Limits (LEL/UEL)	N/A
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Extinguishing Media: N/A  
Special Fire Fighting Procedures: N/A  
Unusual Fire and Explosion Hazards: N/A

## Section V -- Reactivity Data

Stability	Stable	Incompatibility (Materials to Avoid):	Acids
Hazardous Decomposition or Byproducts	None Known		
Hazardous Polymerization	Will Not Occur		

## Section VI -- Health Hazard Data

Routes of Entry: Eyes, Skin, and Ingestion	Carcinogen	None
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Signs of Symptoms and Exposure:

Emergency and First Aid Procedures: Eyes: Flush with large amounts of water for at least 30 min., lifting eyelids. Seek physician immediately.

Skin: Wash thoroughly with soap and water. Remove contaminated clothing

Ingestion: DO NOT Induce vomiting. Swallowing liquid will cause burns to the gastrointestinal tract. Drink large amounts of water or milk.

Seek medical attention.

Health Hazards: Can cause caustic burns

## Section VII -- Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled: Handle with rubber gloves. Mop up and hold for disposal.

Waste Disposal Method: Dispose of in accordance with local, state, and federal regulations.

Precautions: Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Launder contaminated clothing before reuse

Keep containers closed when not in use.

## Section VIII -- Control Measures

Respiratory Protection	none required
Ventilation	local exhaust

Protective Gloves: Waterproof gloves

Eye Protection: Safety goggles.

Other Protective Clothing or Equipment: No special requirements

## Section IX --Special Precautions

Keep Away From Children

Keep Container Closed During Storage

For Use By Trained Personnel Only

For Institutional Use Only

The above information pertains to this product as currently formulated, and is based on the information at this time. Additions of reducers or other additives to this product may substantially alter the composition. We make no warranties, expressed or implied, and assume no liability in connection with any use of the information.

Modified 4-25-07

**A.L.C.O Carolinas Soap And Supply Company**

# MATERIAL SAFETY DATA SHEET

Product: Delimiting Agent

Generic Name: 305 Lime Delete

## Section I

Manufacturer's Name	ALCO Chemical, Inc.	Phone Number	704-528-0123
Responsible Party	A.L.C.O.	Emergency Number	1-800-255-3924
Address	628 South Main St. Troutman, NC 28166		

## Section II -- Hazardous Ingredients/Identity Information

Hazardous Ingredients	CAS #	WT %	Pel (PPM)	TLV (PPM)		Carcinogenic
				TWA	STEL	
Phosphoric Acid	7664-38-2	20-25		1	3	no

## Section III -- Physical Data

Boiling Point F.	212 (initial)	Specific Gravity	1.07
Vapor Pressure mm .Hg	68F	Melting Point	N/A
% Solubility in Water	100%	Evaporation Rate vs. water	<1
Vapor Density (Air=1)	>1	pH	1

Appearance and Odor: Green liquid with characteristic odor

## Section IV -- Fire and Explosion Hazard Data

Flash Point F (TCC)	N/A	Flammable Limits (LEL/UEL)	N/A
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Extinguishing Media: N/A  
Special Fire Fighting Procedures: N/A  
Unusual Fire and Explosion Hazards: N/A

## Section V -- Reactivity Data

Stability	Stable	Incompatibility (Materials to Avoid):	Strong alkalis, most metals, bleach
Hazardous Decomposition or Byproducts			hydrogen or chlorine gas
Hazardous Polymerization			will not occur

## Section VI -- Health Hazard Data

Routes of Entry: skin, eyes, ingestion, inhalation	Carcinogen	N/A
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Signs of Symptoms and Exposure:

Emergency and First Aid Procedures: Inhalation: Get to fresh air, if breathing is difficult, give oxygen.

Skin: remove contaminated clothing. Flush exposed area with large quantities of water

Eyes: Flush with large quantities of water, holding eyelids open. If irritation persists, seek medical attention.

Ingestion: Drink large amounts of water or milk, DO NOT induce vomiting, seek medical attention

## Section VII -- Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled: Mop up and hold for proper disposal.

Waste Disposal Method: Dispose of in accordance with local, state, and federal regulations.

Precautions: Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.

Keep containers closed when not in use.

## Section VIII -- Control Measures

Respiratory Protection	none required	Eye Protection:	Safety goggles recommended.
Ventilation	local exhaust	Other Protective Clothing or Equipment:	No special requirements

## Section IX -- Special Precautions

Keep Away From Children	Keep Container Closed During Storage
For Use By Trained Personnel Only	For Institutional Use Only

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Modified 4-25-07

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