

1. PRODUCT AND COMPANY INFORMATION

PRODUCT NAME:	Ultra Cycle	PRODUCT CODE:	0350
RECOMMENDED USE:	Dishmachine Detergent	RESTRICTIONS ON USE:	Use only in accordance with label directions.
MANUFACTURER:	A.L.C.O. SOAP AND SUPPLY		
ADDRESS:	370 EAST PLAZA DR BLDG 13 MOORESVILLE, NC 28115	PHONE:	(704) 528-0123
		EMERGENCY PHONE:	1-800-255-3924

2. HAZARD IDENTIFICATION

SIGNAL WORD:	Danger	HAZARD SYMBOL:	Corrosion
CLASSIFICATION:	This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). -Skin corrosion, category 1 -Serious eye damage, category 1		
HAZARD STATEMENTS:	Causes severe skin burns and eye damage.		
PRECAUTIONARY:	Do not get in eyes, on skin, or on clothes. Do not ingest.		
UNCLASSIFIED HAZARDS:	None known	UNKNOWN ACUTE TOXICITY:	None known

3. COMPOSITION AND INGREDIENTS

COMMON NAME	CHEMICAL NAME	PERCENTAGE	CAS #
Sodium Hydroxide	Sodium Hydroxide	<20	1310-73-2
Potassium Hydroxide	Potassium Hydroxide	<10	1310-58-3
Sodium Glucoheptonate	Sodium Glucoheptonate	<5	31138-65-5

The composition of this formulation is a trade secret and indicated as a trade secret per 1910.1200(i) of the Hazardous Communication Standard and will be made available per applicable provisions stated within 1910.1200(i).

4. FIRST AID MEASURES

INGESTION:	If swallowed, DO NOT induce vomiting. Rinse mouth and immediately drink 2 glasses of water to dilute. Seek immediate medical attention. Never give anything by mouth to an unconscious person.
SKIN:	Flush skin with running water for 15 minutes. If irritation persists seek medical attention. Remove contaminated clothing and wash before reuse.
INHALATION:	Remove to fresh air. If breathing does not return to normal seek medical attention.
EYES:	Immediately flush with running water for 15 minutes. Seek immediate medical attention.
SIGNS/ SYMPTOMS OF EXPOSURE:	Causes severe skin, eye, and/or gastrointestinal tract burns.

5. FIRE-FIGHTING MEASURES

FLASH POINT: F) N/A	C) N/A	UPPER EXPLOSIVE LIMIT: N/A	LOWER EXPLOSIVE LIMIT: N/A
SPECIAL PROTECTIVE EQUIPMENT/ PRECAUTIONS:	As in any fire, wear self-contained breathing apparatus, MSHA/NIOSH (approved or equivalent) and full protective gear.		
SUITABLE/ UNSUITABLE EXTINGUISHING MEDIA:	Product is not flammable, water is media used if container itself caught on fire.		
SPECIFIC HAZARDS:	None known		

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.
PROTECTIVE EQUIPMENT:	Waterproof gloves and safety goggles should be worn when handling any chemical.
EMERGENCY PROCEDURES:	Follow first aid procedures. If any irritation persists seek medical attention.
CONTAINMENT/ CLEAN UP METHODS:	Mop up and hold for proper disposal. Dispose of in accordance with local, state, and federal regulations.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:	Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.
STORAGE:	Keep container closed when not in use. Store in a cool, dry, well ventilated area.
INCOMPATIBILITIES:	Strong acids and/or oxidizers. Do not mix with anything but water.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

PEL:	None known.	ACGIH:	None known.	TLV:	None known.	Engineering controls:	Shower, eyewash station, ventilation system
PERSONAL PROTECTIVE EQUIPMENT:		Waterproof gloves and safety goggles should be used when handling any chemicals.					
HYGIENE MEASURES:		Wash thoroughly after handling.					

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid	COLOR:	Brown	ODOR:	Detergent Odor
PARTITION COEFFICIENT:	No Information Available	SOLUBILITY:	100%	ODOR THRESHOLD:	No Info Available
FLAMMABILITY (SOLID/ GAS):	N/A	FLASH POINT:	N/A	MELTING POINT:	N/A
UPPER FLAMABILITY LIMITS:	N/A	PH:	13	FREEZING POINT:	>32F
LOWER FLAMABILITY LIMITS:	N/A	VAPOR PRESSURE:	No Info Available	INITIAL BOILING POINT:	>212F
AUTO-IGNITION TEMPERATURE:	N/A	VAPOR DENSITY:	>1	EVAPORATION RATE:	<1
DECOMPOSITION TEMPERATURE:	No Information Available	RELATIVE DENSITY:	>1	VISCOSITY:	Thicker Than Water

10. STABILITY AND REACTIVITY

REACTIVITY:	Do not mix with anything but water. Do not mix with incompatible materials to avoid hazardous reactions.
CHEMICAL STABILITY:	Stable under recommended storage conditions.
POSSIBILITY OF HAZARDOUS REACTIONS:	Do not mix with anything but water. Do not mix with incompatible materials to avoid hazardous reactions.
CONDITIONS TO AVOID:	Extreme temperatures or direct sunlight. Store in a cool, dry place.
INCOMPATIBLE MATERIALS:	Strong acids and/or oxidizers. Do not mix with anything but water.
HAZARDOUS DECOMPOSITION PRODUCTS:	None known.

11. TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE:	Eyes, skin, ingestion, inhalation.
ACUTE EFFECTS/ SYMPTOMS FOR EYES:	Severely irritating to eyes. Can cause severe eye damage.
ACUTE EFFECTS/ SYMPTOMS FOR SKIN:	Severely irritating to skin. Can cause severe skin burns.
ACUTE EFFECTS/ SYMPTOMS FOR INGESTION:	Severe corrosion of and damage to gastrointestinal tract.
ACUTE EFFECTS/ SYMPTOMS FOR INHALATION:	Unknown. Not a likely route of exposure.
CHRONIC/ OTHER EFFECTS:	None known.
DELAYED EFFECTS:	Eye and skin redness and irritation.
CARCINOGENS:	None known.
NUMERICAL MEASURES OF TOXICITY:	No information available.

12. ECOLOGICAL INFORMATION

ECOTOXICITY:	No information available
PERSISTENCE AND DEGRADABILITY:	No information available
BIOACCUMULATION:	No information available
OTHER ADVERSE EFFECTS:	No information available
MOBILITY IN SOIL:	No information available

13. DISPOSAL CONSIDERATIONS

DISPOSAL OF WASTES:	Dispose of in accordance with local, state, and federal regulations.
DISPOSAL OF PACKAGING:	Dispose of in accordance with local, state, and federal regulations.

14. TRANSPORTATION INFORMATION

UN NUMBER	1824	UN PROPER SHIPPING NAME:	Sodium Hydroxide
TRANSPORT HAZARD CLASSES:	8	PACKING GROUP:	II
ENVIRONMENTAL HAZARDS:	No information available	TRANSPORT IN BULK:	No information available.
SPECIAL PRECAUTIONS:	None Known		

15. REGULATORY INFORMATION

No information available

16. OTHER INFORMATION

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.