


1. IDENTIFICATION			
Product Name:	All Temperature Dish Detergent		
Recommended Use:	Machine Dish wash Detergent		
Manufacturer:	Ultra Soap International 4312 Clary Blvd. Kansas City, MO 64130		
Emergency Numbers:	Call CHEMTREC for chemical emergency: 1-800-424-9300		
2. HAZARD IDENTIFICATION			
Hazard Classification	Skin Corrosion/Irritation (1A) Serious Eye Damage/Eye Irritation (1A) Corrosive to Metal (1)		
Signal Word	Danger		
Hazard Statement	Causes severe skin burns and serious eye damage. May be corrosive to metals.		
Pictogram			
Precautionary Statement-Prevention	Do not breathe mist, vapors or spray. Wash hands and any exposed skin thoroughly after handling. Wear protective gloves. Wear eye/face protection. Wear protective clothing.		
Precautionary Statement-Response	<u>If on skin:</u> Take off contaminated clothing, rinse skin thoroughly with water. <u>If in eyes:</u> remove contact lenses, if present, and flush eyes with water for several minutes. Seek medical attention if irritation develops or persists. <u>If swallowed:</u> Drink water. Do not induce vomiting. If irritation continues, seek medical attention. <u>If inhaled:</u> Move to fresh air.		
Hazards not otherwise classified	None.		
3. COMPOSITION/INFORMATION ON INGREDIENTS			
	INGREDIENT	CAS NUMBER	Weight %
	Sodium Hydroxide	1310-73-2	5-10%
	Sodium Silicate	1344-09-08	1.0-5.0%
4. FIRST-AID MEASURES			
First aid measures for relevant routes of exposures:			
Inhalation: Move to fresh air.			
Skin Contact: Rinse thoroughly with water, if irritation continues, seek medical attention.			
Eye Contact: Rinse thoroughly with water, if irritation continues, seek medical attention.			
Ingestion: Drink water, do not induce vomiting, and seek medical attention if symptoms occur.			
Most important symptoms or effects, acute or delayed. None under normal use.			
Recommendation for immediate medical care/special treatment needed, if necessary.			
Recommendation: Treat symptomatically.			
5. FIRE-FIGHTING MEASURES			
Suitable Extinguishing Media: Dry chemical, CO ₂ , alcohol-resistant foam or water spray.			
Unsuitable Extinguishing Media: None			
Specific hazards developed from chemical: None			
Special protective equipment/ precautions for fire-fighters: None			
6. ACCIDENTAL RELEASE MEASURES			
Personal Precautions: Use personal protective equipment. Do not get in eyes, on skin, or on clothing.			
Environmental Precautions: Use personal protective equipment.			
Methods/Materials for containment: Absorb with noncombustible material.			

Cleanup Procedures: Contain spill, absorb with noncombustible material, and dispose of accordingly to local and federal regulations.

7. HANDLING AND STORAGE

Precautions for safe handling: Use personal protective equipment.
 Conditions for safe storage: Keep container closed. Store in original container.
 Incompatible products: None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines	INGREDIENT	CAS NUMBER	ACGIH TLV	OSHA PEL
	Sodium Hydroxide	1310-73-2	Ceiling: 2 mg/m3	TWA: 2 mg/m3

Engineering Controls: Ensure adequate ventilation

Personal Protective Measures:

- Eye Protection: None required. If in manufacturing setting, use eye protection.
- Hand Protection: Use gloves for prolonged use or sensitive skin. If in manufacturing setting, use protective gloves.
- Skin and Body Protection: None required. If in manufacturing setting, use suitable protective clothing.
- Respiratory Protection: None required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: (physical state, color, etc.):	Opaque Liquid	Upper/lower flammability limit:	No information available
Odor:	Scented	Vapor Pressure:	No information available
Odor Threshold:	No information available	Vapor density:	No information available
pH:	12.5-13.5	Water Solubility:	100%
Melting point/freezing point:	No information available	Other Solubility:	No information available
Initial boiling point/boiling range:	No information available	Partition coefficient n-octanol/water:	No information available
Flash point:	No information available	Auto-ignition temperature:	No information available
Evaporation rate:	No information available	Decomposition temperature:	No information available
Flammability (solid, gas):	No information available	Viscosity:	800-1200 cps
VOC content (%):	Product in compliance to regulations in consumer products.		

10. STABILITY AND REACTIVITY

Reactivity: None under normal use conditions.
 Stability: Stable under normal use conditions.
 Hazardous polymerization: None known.
 Hazardous Reactions: None under normal processing.
 Conditions to Avoid: None known.
 Incompatible Materials: None.
 Hazardous Decomposition Products: None under normal use conditions.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposures:

- Inhalation: Irritation or damage to the mucus membranes.
- Ingestion: Damage or chemical burns.
- Skin: Pain, redness, irritation to the skin.
- Eye Contact: Minimal irritation.

Delayed, immediate, or chronic effect from short and long term exposure: No known effect.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.
 Persistence and degradability: No information available.
 Bioaccumulative potential: No information available.
 Mobility in soil: No information available.

Other adverse effects: No information available.

13. DISPOSAL CONSIDERATION

Waste from residues/unused product: Dispose of in accordance to local, state, and federal regulations.

Contaminated packaging: Dispose of in accordance to local, state, and federal regulations.

14. TRANSPORT INFORMATION

DOT:

UN/ID No.: UN1760

Proper Shipping Name: Corrosive liquids, n.o.s. (contains sodium hydroxide)

Hazard Class: 8

Packing Group: II

IMDG:

UN/ID No. UN1760

Proper Shipping Name: Corrosive liquids, n.o.s. (contains sodium hydroxide)

Hazard Class: 8

Packing Group: II

15. REGULATORY INFORMATION

California Proposition 65: Product does not contain any ingredients subject to regulation.

16. OTHER INFORMATION

Revision Date: 5/4/2017

Supersedes: None-new

Revision Notes: None-New

Disclaimer:

This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here is offered in good faith and has been compiled from sources considered to be dependable and accurate to the best of the Company's knowledge. No representation, warranty or guarantee of any kind, expressed, or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use.