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SAFETY DATA SHEET

Issue Date: 20 November 2015

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: **Auto Dish**

Other Means of Identification

Product # 017B

Recommended use: Commercial dishwashing detergent. For professional use only

Details of the Supplier of the Safety Data Sheet

Company Name CHEMCO INDUSTRIES, INC.
3670 Scarlet Oak Blvd.
St. Louis, MO 63122-6606
www.chemcoindustries.com
314-647-1888

Emergency Telephone INFOTRAC 1-188-535-5053

2. HAZARDS IDENTIFICATION

GHS Classification

Physical	Health	Environmental
None	Skin corrosion : Category 1B Eye damage: Category 1	None

GHS label

Signal Word: Danger	
Symbols: Corrosion and exclamation mark	
<u>Hazard Statements</u> Causes severe skin burns and eye damage May cause respiratory irritation Maybe harmful if swallowed	<u>Precautionary Statements</u> Wear protective gloves and eye protection. Wash thoroughly after handling. Avoid breathing vapors. If on skin, rinse thoroughly. If skin irritation or burn occurs, get medical attention. IF SWALLOWED: do not induce vomiting. Rinse mouth and get medical attention. IF IN EYES: rinse eyes with water, remove contacts if present and easy to do, continue rinsing. If eye irritation persists, get medical attention.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Hazardous components: Exact percentage of composition has been withheld as a trade secret.

Chemical Name	CAS-No.	Concentration [%]
Potassium Hydroxide	1310-58-3	10- <15
Tetrapotassium Pyrophosphate	7320-34-5	5 - <10

Sodium Metasilicate Pentahydrate	6834-92-0	1-<2
Other components below reportable levels		73- <84

4. FIRST AID MEASURES

Inhalation:	Move to fresh air. Call a physician if symptoms develop or persist.
Skin:	Remove contaminated clothing. Rinse skin with water. Chemical burns must be treated by a physician. Wash contaminated clothing.
Eye:	Flush eyes with water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
Ingestion:	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting.
Symptoms:	Burning, stinging, tearing, redness, swelling, coughing, and blurred vision
Medical Attention:	If symptoms worsen or persist, immediately get medical attention

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Dry chemical. Water. Foam. Carbon dioxide (CO ₂)
Unsuitable extinguishing media:	High volume water jet
Specific hazards during firefighting:	During fire, hazardous gases may be formed.
Special protective equipment:	Self-contained breathing apparatus and full protective clothing should be worn.

6. ACCIDENTAL RELEASE MEASURES

Procedure:	Keep unnecessary personnel away. Wear protective clothing, gloves, and eyewear. Notify appropriate authorities. Ensure adequate ventilation.
Environmental precautions:	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminated rivers and lakes or drains inform respective authorities.
Containment and cleanup:	Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Advice on safe handling:	Do not breathe vapors. Do not get in eyes, on skin, or on clothing. Wear protective gloves and eyewear. Observe good industrial hygiene practices.
Conditions for safe storage:	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Materials to avoid:	Acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

Values listed are for raw materials

Hazardous Ingredient	OSHA PEL	AGIL TLV
Potassium Hydroxide	Not established	2 mg/m ³
Tetrapotassium Pyrophosphate	Not established	Not established
Sodium Metasilicate Pentahydrate	Not established	Not established

Engineering controls:	The use of local ventilation is recommended to control emissions near the source.
Hand protection:	Chemical resistant gloves.
Eye protection:	Wear chemical safety goggles. Have eye-wash stations available.
Skin protection:	Avoid skin contact.
Hygiene measures:	When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of the workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Formula:	Aqueous solution
Physical state:	Liquid
Color:	Purple
Odor:	None
Odor threshold:	ND
pH:	>12
Melting point/freezing point:	ND
Initial boiling point and range:	ND
Flash point:	ND
Flammability:	ND
Flammability or explosive limits:	ND
Vapor pressure:	ND
Vapor density:	ND
Density:	ND
Solubility:	Soluble in water
Partition coefficient	ND
Auto ignition temperature	ND
Decomposition temperature	ND
Viscosity:	ND

10. STABILITY AND REACTIVITY

Reactivity:	Reacts with strong acids. This product may react with oxidizing agents.
Chemical Stability:	Stable under normal conditions.
Possibility of hazardous reactions:	No dangerous reaction know under conditions of normal use.
Conditions to avoid:	Do not mix with other chemicals
Incompatible materials:	Acids and oxidizers
Hazardous decomposition products:	Thermal decomposition products may include oxides of carbon and nitrogen.

11. TOXICOLOGICAL INFORMATION

Routes of Entry:	Skin, eyes, inhalation, and ingestion.
Skin:	May cause severe skin burns.
Eyes:	May cause severe eye damage
Inhalation:	May cause mild irritation
Ingestion:	May cause severe burns
Medical condition Aggravated:	No data available
Chronic Health Hazard:	Prolonged inhalation may be harmful
Acute toxicity:	No data available
Mutagenicity:	No data available
Carcinogenicity:	Not listed by IARC, NTP, ACGIH, Or OSHA
Reproductive Toxicity:	No Evidence

12. ECOLOGICAL INFORMATION

Ecotoxicity:	No data available
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Mobility in soil:	No data availbale
Other adverse effects:	No data availbale
Additional ecological information:	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal..

13. DISPOSAL CONSIDERATIONS

Disposal methods:	
Waste from residues:	The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with local regulations.

Contaminated packaging: Empty containers should be taken to an approved waste handling site. Do not re-use empty containers.

14. TRANSPORT INFORMATION

UN Number: UN3266
DOT Shipping Name: Corrosive Liquid, Basic, Inorganic, N.O.S.
Technical Name: Potassium Hydroxide, Tetrapotassium Pyrophosphate
DOT Classification: 8
Packing Group: III
Label: Corrosive

15. REGULATORY INFORMATION**Information gathered from EPA List of Lists****CERCLA Reportable Quantity**

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Potassium Hydroxide	1310-58-3	1000	8.6 lbs per 5 gallons

SARA 302: Not reportable

SARA 304: Not reportable

SARA 311/312: Not reportable

SARA 313: Not reportable

16. OTHER INFORMATION

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