

SAFETY DATA SHEET



Date Issued : 03/04/2022

SDS No : 0518

Det-Ware Automatic Dishwash

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Det-Ware Automatic Dishwash**GENERAL USE:** Cleaner**PRODUCT CODE:** 0518**MANUFACTURER**

Detco Industries, Inc.

PO Box 430

Conway, AR 72033

Customer Service: 800-282-2133**E-Mail:** support@detco.com**24 HR. EMERGENCY TELEPHONE NUMBERS****Poison Control Center (Medical) :** (877) 800-5553**CHEMTREC (US Transportation) :** (800) 424-9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS**Health:**

Skin Corrosion, Category 1B

Eye Irritation, Category 1

GHS LABEL

Corrosion

SIGNAL WORD: DANGER**HAZARD STATEMENTS**

H314: Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENTS**Prevention:**

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P363: Wash contaminated clothing before reuse.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P310: Immediately call a POISON CENTER/doctor/...

Storage:

P405: Store locked up.

Disposal:

P501: Dispose of contents/container in accordance with federal, state, and local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

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Chemical Name	Wt.%	CAS
Water	0 - 100	7732-18-5
Tetrapotassium Pyrophosphate	5 - 10	7320-34-5
Potassium Hydroxide	5 - 10	1310-58-3
Sodium Polysilicate	1 - 2	1344-09-8

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

NOTES TO PHYSICIAN: Treat symptomatically.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: None known.

EXTINGUISHING MEDIA: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Caution: Use of water spray when fighting fire may be inefficient.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SENSITIVE TO STATIC DISCHARGE: None

SENSITIVITY TO IMPACT: None

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Contain spill. Absorb liquid and place in a sealed container for disposal. Avoid runoff into storm sewers and ditches which lead to waterways.

GENERAL PROCEDURES: Ensure adequate ventilation, especially in confined areas.

7. HANDLING AND STORAGE

HANDLING: Follow all SDS/label precautions even after container is emptied because it may retain product residues.

STORAGE: Store in original container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
Chemical Name	Type	EXPOSURE LIMITS		
		ppm	mg/m ³	
Tetrapotassium Pyrophosphate	Supplier OEL	TWA	NL	NL
		STEL	NL	NL

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses with side shields (or goggles).

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SKIN: Rubber or nitrile gloves.

RESPIRATORY: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

PROTECTIVE CLOTHING: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

WORK HYGIENIC PRACTICES: Handle in accordance with good industrial hygiene and safety practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: None

COLOR: Colorless

pH: 13.5 to 14.0

FLASH POINT AND METHOD: Not flammable.

EXPLOSION LIMITS: Not yet determined

VAPOR PRESSURE: Not yet determined

VAPOR DENSITY: Not yet determined

BOILING POINT: 100°C (212°F)

SOLUBILITY IN WATER: Complete

PARTITION COEFFICIENT: N-OCTANOL/WATER: Not yet determined

EVAPORATION RATE: Not yet determined

SPECIFIC GRAVITY: 1.20 g/mL

(VOC): < 0.1 %

10. STABILITY AND REACTIVITY

REACTIVITY: No data available.

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: Stable

CONDITIONS TO AVOID: None known.

POSSIBILITY OF HAZARDOUS REACTIONS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

INCOMPATIBLE MATERIALS: None known.

11. TOXICOLOGICAL INFORMATION

SKIN CORROSION/IRRITATION: Irritating to skin.

SERIOUS EYE DAMAGE/IRRITATION: Corrosive to the eyes and may cause sever damage including blindness.

RESPIRATORY OR SKIN SENSITISATION: No data available.

GERM CELL MUTAGENICITY: No data available.

CARCINOGENICITY

NOTES: No data available.

REPRODUCTIVE TOXICITY: No data available.

STOT-SINGLE EXPOSURE: No data available.

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STOT-REPEATED EXPOSURE: No data available.

ASPIRATION HAZARD: No data available.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Not Available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.

EMPTY CONTAINER: Do not reuse container.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Corrosive Liquid, N.O.S.

TECHNICAL NAME: (Potassium Hydroxide)

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN1760

PACKING GROUP: II

PLACARDS: Corrosive

15. REGULATORY INFORMATION

UNITED STATES

DOT LABEL SYMBOL AND HAZARD CLASSIFICATION



Corrosive

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Potassium Hydroxide	5 - 10	1,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Water	7732-18-5
Tetrapotassium Pyrophosphate	7320-34-5
Potassium Hydroxide	1310-58-3
Sodium Polysilicate	1344-09-8

16. OTHER INFORMATION

PREPARED BY: E. Spicer Date Prepared: 03/04/2022

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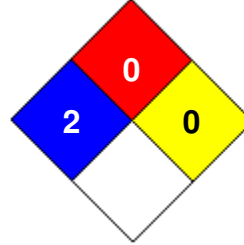
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HMIS RATING

HEALTH	1	2
FLAMMABILITY	0	0
PHYSICAL HAZARD	0	0
PERSONAL PROTECTION	B	

NFPA CODES



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