

SAFETY DATA SHEET



Date issued : 03/04/2022

SDS number : 0520

Date revised : 07/15/2025

Revision number : 1

Det-Ware Chlorinated Dishwash

1. Identification

Product code: 0520**Product identifier:** Det-Ware Chlorinated Dishwash**Relevant identified uses:** Cleaner**Manufacturer / Supplier**

Detco Industries, Inc.

PO Box 430

Conway, AR 72033

Customer Service: 800-282-2133**E-Mail:** support@detco.com**Web:** www.detco.com**Emergency telephone number (24 hour)****Poison Control Center (Medical) :** (877) 800-5553**CHEMTREC (US Transportation) :** (800) 424-9300

2. Hazard identification

Classification of the substance or mixture**Health hazards:**

Skin Corrosion, Category 1B

Eye Irritation, Category 1

Label elements

Corrosion

Signal word: DANGER**Hazard statement(s)**

H314: Causes severe skin burns and eye damage.

Precautionary statement(s)**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	% w/w	CAS No.
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
Sodium Hypochlorite	< 1	7681-52-9

4. First-aid measures

Eye: 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.

Indication of immediate medical attention and special treatment needed, if necessary: Treat symptomatically.

5. Fire-fighting measures

General hazard: None known.

Suitable 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.

Sensitivity to static discharge: None

Sensitivity to mechanical 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

Precautions for safe handling: Follow all SDS/label precautions even after container is emptied because it may retain product residues.

Conditions for safe storage: Store in original container.

8. Exposure controls/personal protection

Exposure controls

Control parameters				
		Occupational exposure limit values		
Chemical name	Type	ppm	mg/m ³	
Tetrapotassium Pyrophosphate	Supplier OEL	TWA	NL	NL
		STEL	NL	NL

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Individual protection measures, such as personal protective equipment**Eye / face protection:** Safety glasses with side shields (or goggles).**Skin protection - hand protection:** Rubber or nitrile gloves.**Respiratory protection:** 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.**Skin protection - other:** Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.**Occupational hygiene practices:** Handle in accordance with good industrial hygiene and safety practices.**9. Physical and chemical properties****Physical state:** Liquid**Color:** Colorless**Odor:** None**pH:** 13.5 to 14.0**Initial boiling point and boiling range:** 100°C (212°F)**Flash point:** Not flammable.**Evaporation rate (n-butyl acetate = 1):** Not yet determined**Explosion limit / flammability limit notes:** Not yet determined**Vapor pressure:** Not yet determined**Relative vapor density:** Not yet determined**Relative density:** 1.20 g/mL**Solubility:** Complete**Partition coefficient n-octanol/water (logarithmic value):** Not yet determined**VOC content:** < 0.1 %**10. Stability and reactivity****Reactivity:** No data available.**Dangerous polymerization:** Will not occur.**Chemical 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 sensitization:** No data available.**Germ cell mutagenicity:** No data available.**Carcinogenicity****Notes:** No data available.

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Reproductive toxicity: No data available.**Specific Target Organ Toxicity - single exposure:** No data available.**Specific Target Organ Toxicity - repeated exposure:** No data available.**Aspiration hazard:** No data available.**12. Ecological information****Environmental data:** Not Available**13. Disposal considerations****Disposal methods:** Dispose of in accordance with federal, state and local regulations.**Empty container:** Do not reuse container.**14. Transport information****USA Department of Transport Regulations (DOT)****UN proper shipping name:** Corrosive Liquid, N.O.S.**Technical name:** (Potassium Hydroxide, Sodium Hypochlorite)**UN number:** UN1760**Transport hazard class(es):** 8**Packing group, if applicable:** II**Placards:** Corrosive**15. Regulatory information****UNITED STATES****Dot label symbol and hazard classification**

Corrosive

SARA Section 311/312 Hazard Categories**CERCLA Hazardous Substances and Reportable Quantities (RQ)**

Chemical name	% w/w	CERCLA rq
Potassium Hydroxide	5 - 10	1,000

TSCA (The Toxic Substances Control Act)

Chemical name	CAS No.
Water	7732-18-5
Tetrapotassium Pyrophosphate	7320-34-5
Potassium Hydroxide	1310-58-3
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16. Other information

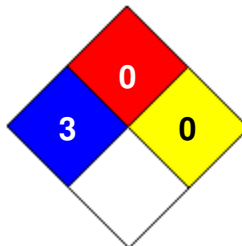
Prepared by: E. Spicer Date revised: 07/15/2025

Revision summary: This SDS replaces the 03/04/2022 SDS. Revised: **Section 2:** Classification of the substance or mixture, Label elements, Precautionary statement(s).

HMIS rating

Health		3
Flammability		0
Physical hazard		0
Personal protection	B	

NFPA codes



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