

## SAFETY DATA SHEET



Date issued : 07/16/2025

SDS number : 1257

## Otto Klean II

## 1. Identification

**Product code:** 1257  
**Product identifier:** Otto Klean II  
**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:**

Serious Eye Damage, Category 1  
 Skin Corrosion, Category 1B

**Label elements**

Corrosion

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

H314: Causes severe skin burns and eye damage.

**Precautionary statement(s)****Prevention:**

P264: Wash ... 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 to ...

## 3. Composition/information on ingredients

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Chemical name	% w/w	CAS No.
Water	0 - 100	7732-18-5
Potassium Hydroxide	10 - 15	1310-58-3
Sodium Hydroxide	2 - 5	1310-73-2
Monoethanolamine	2 - 5	141-43-5
Sodium Gluconate	2 - 5	527-07-1

## 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

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## Exposure controls

Control parameters				
	Occupational exposure limit values			
Chemical name	Type		ppm	mg/m <sup>3</sup>
Sodium Hydroxide	OSHA PEL	TWA		2
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL
Monoethanolamine	OSHA PEL	TWA	3	6
	ACGIH TLV	TWA	3	7.5
		STEL	6	15
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL

## 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:** Amber

**Odor:** Amine

**pH:** 13.0 to 13.5

**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:** 1.18 to 1.185 g/mL

**Solubility:** Complete

**Partition coefficient n-octanol/water (logarithmic value):** Not yet determined

**VOC content:** < 1 %

## 10. Stability and reactivity

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**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.**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)**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**



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Corrosive

### SARA Section 311/312 Hazard Categories

### CERCLA Hazardous Substances and Reportable Quantities (RQ)

Chemical name	% w/w	CERCLA rq
Potassium Hydroxide	10 - 15	1,000
Sodium Hydroxide	2 - 5	1,000

### TSCA (The Toxic Substances Control Act)

Chemical name	CAS No.
Water	7732-18-5
Potassium Hydroxide	1310-58-3
Sodium Hydroxide	1310-73-2
Monoethanolamine	141-43-5
Sodium Gluconate	527-07-1

**Clean water act:** This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

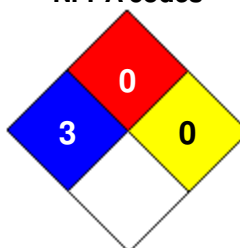
### 16. Other information

Prepared by: E. Spicer      Date Prepared: 07/16/2025

#### HMIS rating

Health		3
Flammability		0
Physical hazard		0
Personal protection	C	

#### NFPA codes



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