

SAFETY DATA SHEET



Date issued : 05/09/2019

SDS number : 0513

Date revised : 07/15/2025

Revision number : 2

Detco 109

1. Identification

Product code: 0513
Product identifier: Detco 109
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

SAFETY DATA SHEET



Date issued : 05/09/2019

SDS number : 0513

Date revised : 07/15/2025

Revision number : 2

Detco 109

Chemical name	% w/w	CAS No.
Water	0 - 100	7732-18-5
Benzenesulfonic Acid, C10-16-alkyl Derivs.	2 - 5	68584-22-5
2- Butoxyethanol	2 - 5	111-76-2
Sodium Hydroxide	2 - 5	1310-73-2
Sodium Alkyl naphthalene Sulfonate	1 - 2	68909-82-0
Tetrasodium EDTA	< 1	64-02-8
Sodium Metasilicate	< 1	6834-92-0

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

SAFETY DATA SHEET



Date issued : 05/09/2019

SDS number : 0513

Date revised : 07/15/2025

Revision number : 2

Detco 109

Exposure controls

Control parameters				
Occupational exposure limit values				
Chemical name	Type		ppm	mg/m ³
2- Butoxyethanol	OSHA PEL	TWA	50	240
	ACGIH TLV	TWA	20	97
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL
Sodium Hydroxide	OSHA PEL	TWA		2
	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: Green

Odor: Butyl

pH: 12.5 to 13.0

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: 1.05 g/mL

Solubility: Complete

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

VOC content: 4 %

10. Stability and reactivity

Reactivity: No data available.

Dangerous polymerization: Will not occur.

SAFETY DATA SHEET



Date issued : 05/09/2019
 SDS number : 0513
 Date revised : 07/15/2025
 Revision number : 2

Detco 109

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

Acute toxicity

Chemical name	LD ₅₀ (oral) mg/kg(rat)	LD ₅₀ (dermal) mg/kg(rabbit)	LC ₅₀ (inhalation) mg/l
2- Butoxyethanol	470 mg/kg	220 mg/kg	450 ppm

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: (Sodium 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

SAFETY DATA SHEET



Date issued : 05/09/2019

SDS number : 0513

Date revised : 07/15/2025

Revision number : 2

Detco 109



Corrosive

SARA Section 311/312 Hazard Categories

CERCLA Hazardous Substances and Reportable Quantities (RQ)

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

TSCA (The Toxic Substances Control Act)

Chemical name	CAS No.
Water	7732-18-5
Benzenesulfonic Acid, C10-16-alkyl Derivs.	68584-22-5
2- Butoxyethanol	111-76-2
Sodium Hydroxide	1310-73-2
Sodium Alkyl naphthalene Sulfonate	68909-82-0
Tetrasodium EDTA	64-02-8
Sodium Metasilicate	6834-92-0

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

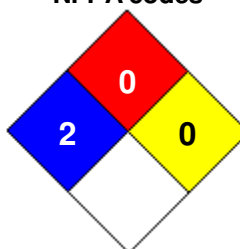
Prepared by: E. Spicer **Date revised:** 07/15/2025

Revision summary: This SDS replaces the 05/20/2022 SDS. Revised: **Section 2:** Classification of the substance or mixture, Label elements, Precautionary statement(s).

HMIS rating

Health		2
Flammability		0
Physical hazard		0
Personal protection	B	

NFPA codes



Manufacturer disclaimer: The information provided in this Safety Data Sheet has been obtained from sources believed to be reliable. Manufacturer provides no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein.