

SAFETY DATA SHEET



Date issued : 07/15/2025

SDS number : 0471

De-Ice (Liquid)

1. Identification

Product code: 0471**Product identifier:** De-Ice (Liquid)**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**Physical hazards:**

Flammable Liquids, Category 3

Health hazards:

Acute Toxicity (Dermal), Category 3

Acute Toxicity (Inhalation), Category 3

Acute Toxicity (Oral), Category 3

Target Organ Toxicity (Single exposure), Category 1

Label elements

Flame

Skull and
crossbonesHealth
hazard**Signal word:** WARNING**Hazard statement(s)**

H226: Flammable liquid and vapour.

H301: Toxic if swallowed.

H311: Toxic in contact with skin.

H331: Toxic if inhaled.

H370: Causes damage to organs (or state all organs affected, if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

Precautionary statement(s)**Prevention:**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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

P264: Wash ... thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P271: Use only outdoors or in a well-ventilated area.

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

Response:

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

P352: Wash with plenty of water/...

P312: Call a POISON CENTER/doctor/...if you feel unwell.

P363: Wash contaminated clothing before reuse.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/...

P330: Rinse mouth.

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

P308: IF exposed or concerned:.

P311: Call a POISON CENTER/doctor/...

Storage:

P405: Store locked up.

Disposal:

P501: Dispose of contents/container to ...

Target organ statement: Central nervous system, eyes.

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Water	0 - 100	7732-18-5
Methyl alcohol	35 - 40	67-56-1
2- Butoxyethanol	1 - 2	111-76-2

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 for methanol poisoning. Inhibit oxidation of methanol by administering ethanol or fomepizole. Increase formic acid metabolism by administering folinic acid. Treat acidosis with sodium bicarbonate.

5. Fire-fighting measures

General hazard: Flammable liquid and vapor.

Suitable extinguishing media: Carbon dioxide, water, foam or dry chemical.

6. Accidental release measures

Small spill: Remove all sources of ignition. Contain spill. Absorb liquid and place in a sealed container for disposal. Avoid runoff into storm sewers and ditches which lead to waterways.

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 ³
2- Butoxyethanol	OSHA PEL	TWA	50	240
	ACGIH TLV	TWA	20	97
	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: None

Skin protection - other: None

9. Physical and chemical properties

Physical state: Liquid

Color: Blue

Odor: Alcohol

pH: 7.0

Freezing point: -40°C (-40°F)

Initial boiling point and boiling range: Not yet determined

Flash point: 27°C (81°F) TAG CC

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: 0.925 g/mL

Solubility: Complete

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

VOC content: 41 to 42 %

10. Stability and reactivity

Dangerous polymerization: None known.

Chemical stability: Stable

Conditions to avoid: Temperatures above 120F, heat, flame and sources of ignition.

Possibility of hazardous reactions: None known.

Hazardous decomposition products: Oxides of carbon.

Incompatible materials: Strong oxidizers

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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

12. Ecological information

Environmental data: Not Available

13. Disposal considerations

Disposal methods: Dispose of in accordance with federal, state and local regulations.

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: Alcohols, N.O.S.

Technical name: (Methanol)

UN number: UN1987

Transport hazard class(es): 3

Packing group, if applicable: III

Placards: Flammable

15. Regulatory information

UNITED STATES

Dot label symbol and hazard classification

Flammable
Liquid

SARA Section 311/312 Hazard Categories

EPCRA Section 313 Toxic Chemicals

Chemical name	% w/w	CAS N o.
Methyl alcohol	35 - 40	67-56-1

CERCLA Hazardous Substances and Reportable Quantities (RQ)

Chemical name	% w/w	CERCLA rq
Methyl alcohol	35 - 40	5,000

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TSCA (The Toxic Substances Control Act)

Chemical name	CAS No.
Water	7732-18-5
Methyl alcohol	67-56-1
2- Butoxyethanol	111-76-2

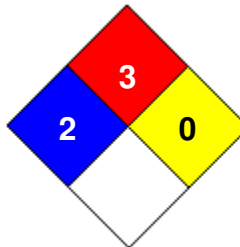
16. Other information

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

HMIS rating

Health		2
Flammability		3
Physical hazard		0
Personal protection	B	

NFPA codes



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