

Safety Data Sheet

Classified in accordance 29 CFR 1910.1200

1. Product Identification

Product Code: 00450

Product Identifier: Deka Battery Cleaner with Acid Indicator -11 oz.

Recommended Use: Battery cleaner

Manufactured or sold by: East Penn Manufacturing Co.
102 Deka Road
Lyon Station, PA 19536 US
610-682-4231

Emergency Telephone (CHEMTREC): 800-424-9300

2. Hazard(s) identification

Classification

Aerosol, category 3

Label elements

HAZARD PICTOGRAMS

No GHS Symbols Exist

SIGNAL WORD

Warning

GHS HAZARD STATEMENTS

H229 Pressurized container: may burst if heated.

GHS PRECAUTIONARY STATEMENTS

Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251 Do not pierce or burn, even after use.

Response

None

Storage

P410+P412

Disposal

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

None

Other Information

None

3. Composition/Information on Ingredients

Mixtures

<u>Chemical Identity</u>	<u>CAS Number</u>	<u>Content in Percent (%)*</u>
Butane	106-97-8	1-5
2-Butoxyethanol	111-76-2	1-5
Sodium Carbonate Anhydrous	497-19-8	1-5
Propane	74-98-6	0.5-1.5

** All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.*

Composition Comments: Other components are not hazardous or are below required disclosure limits.
The exact concentration has been withheld as a trade secret.

4. First-aid Measures

SKIN CONTACT: Wash skin thoroughly with soap and water. If skin irritation occurs: Get medical advice/attention.

EYE CONTACT: Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. If eye irritation persists: Get medical advice/attention.

INHALATION: Move to fresh air.

INGESTION: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

IMPORTANT SYMPTOMS: No data available

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED: Get medical attention if symptoms occur.

5. Fire-fighting Measures

EXTINGUISHING MEDIA: Use fire-extinguishing media appropriate for surrounding materials.

UNSUITABLE EXTINGUISHING MEDIA: Do not use water jet as an extinguisher, as this will spread the fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Pressurized container may explode when exposed to heat or flame.

SPECIAL FIREFIGHTING PROCEDURES: No data available

6. Accidental Release Measures

PERSONAL PRECAUTIONS: No data available

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP: Stop the flow of material, if this is without risk. Absorb with sand or other inert absorbent.

ENVIRONMENTAL PRECAUTIONS: Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages.

7. Handling and Storage

HANDLING: Wear personal protective equipment.

SAFE HANDLING ADVICE: Observe good industrial hygiene practices.

STORAGE: No data available

NFPA 30B: Aerosol Level 1

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>TLV-TWA</u>	<u>TLV-STEL</u>	<u>PEL-TWA</u>	<u>PEL-CEILING</u>
Butane	N.E.	1000 ppm	N.E.	N.E.
2-Butoxyethanol	20 ppm	N.E.	50 ppm	N.E.
Sodium Carbonate Anhydrous	N.E.	N.E.	N.E.	N.E.
Propane	N.E.	N.E.	1000 ppm	N.E.

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation
Sk = Skin Sensitizer N.E. = Not Established

ENGINEERING CONTROLS: Provide adequate ventilation.

Personal Protection

EYE/FACE PROTECTION: Wear goggles/face shield.

SKIN PROTECTION: No data available

RESPIRATORY PROTECTION: Seek advice from local supervisor. In case of inadequate ventilation use suitable respirator.

HYGIENIC PRACTICES: General industrial hygiene practice.

9. Physical and Chemical Properties

Appearance:

Physical State:	Liquid
Form:	Spray Aerosol
Color:	Orange
Odor:	Ammoniated
Odor Threshold:	No data available
pH:	No data available
Freeze Point, °C:	No data available
Boiling Point, °C:	28
Flash Point, °C:	Not applicable to aerosols
Flammability (solid, gas):	Non-flammable Aerosol
Evaporation Rate:	No data available
Combustibility:	Does not Support Combustion
Explosive Limits, %:	No data available
Vapor Pressure @20°C, PSI:	40-60
Vapor Density:	No data available
Relative Density:	1.023
Solubility in Water:	No data available
Partition Coefficient, n-octanol/water:	No data available
Auto-Ignition Temperature, °C:	No data available
Decomposition temperature, °C:	No data available
Kinematic Viscosity:	< 14mm ² /s or cSt

Particle Characteristics:

Size Range, microns (µm):	No data available
---------------------------	-------------------

10. Stability and Reactivity

REACTIVITY: Not reactive under normal conditions of use.

STABILITY: Material is stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS: No data available

CONDITIONS TO AVOID: Avoid heat or contamination.

INCOMPATIBILITY: No data available

HAZARDOUS DECOMPOSITION PRODUCTS: No data available

11. Toxicological Information

Information on Likely Routes of Exposure

SKIN CONTACT EFFECTS: May cause irritation on prolonged or repeated contact.

EYE CONTACT EFFECTS: May cause slight irritation with tearing.

INHALATION EFFECTS: Inhalation of high concentrations of mists may cause irritation of the nose throat and upper respiratory tract.

INGESTION EFFECTS: Ingestion may cause irritation of the mucous membranes, esophagus and stomach.

The following Chemicals are listed on IARC Monographs on the Evaluation of Carcinogenic Risk to Humans:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>IARC Listing</u>
50-00-0	Formaldehyde	IARC Group 1
111-42-2	Diethanolamine	IARC Group 2B
123-91-1	1,4-Dioxane	IARC Group 2B

The following Chemicals are listed on the U.S. National Toxicology Program (NTP) Report on Carcinogens:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>NTP Listing</u>
50-00-0	Formaldehyde	NTP Known Human Carcinogen
123-91-1	1,4-Dioxane	NTP Reasonably Anticipated to be Human Carcinogen

The following Chemicals are listed on the U.S. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>OSHA Listing</u>
50-00-0	Formaldehyde	Present
111-42-2	Diethanolamine	Present
123-91-1	1,4-Dioxane	Present

The following values are calculated based on chapter 3.1 of the GHS document. The product itself has not been tested.

<u>ATE ORAL</u>	19,096 mg/kg
<u>ATE DERMAL</u>	33,047 mg/kg
<u>ATE INHALATION</u>	543 mg/kg

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
106-97-8	Butane	5000 mg/kg	5000 mg/kg	658 mg/L Rat
111-76-2	2-Butoxyethanol	500 mg/kg	1100 mg/kg	11 mg/l
497-19-8	Sodium Carbonate Anhydrous	5000 mg/kg	5,000 mg/kg	100 mg/l
74-98-6	Propane	5,000 mg/kg	5,000 mg/kg	100 mg/l

N.I. = No Information

Skin Corrosion & Irritation:

Product: No data available

Serious Eye Damage & Irritation:

Product: No data available

Respiratory or Skin Sensitization:

Product: No data available

STOT-Single Exposure:

Product: No data available

STOT-Repeated Exposure:

Product: No data available

Aspiration Hazard:

Product: No data available

Carcinogenicity:

Product: No data available

Reproductive Toxicity:

Product: No data available

Germ Cell Mutagenicity:

Product: No data available

12. Ecological Information

ECOLOGICAL INFORMATION: No data available

PERSISTENCE: No data available

BIOACCUMULATE: No data available

MOBILITY IN SOIL: No data available

OTHER ECOLOGICAL: No data available

13. Disposal Information

DISPOSAL INFORMATION: Consult with your local, regional and federal agencies for information on proper disposal.

CONTAMINATED PACKAGING: Consult with your local, regional and federal agencies for information on proper disposal.

14. Transport Information

SPECIAL TRANSPORT PRECAUTIONS: No data available

DOT

Material name: Deka Battery Cleaner with Acid Indicator - 11 oz

SDS US

00321 Version #:04 Revision date 03-01-2025 Creation date: 01-19-2023

UN Number: UN1950
Proper Shipping Name: AEROSOLS, NON-FLAMMABLE
Technical Name: N/A
Hazard Class(es)
Class: 2.2
Subsidiary Risk: N/A
Packing Group: N/A

IATA

UN Number: UN1950
Proper Shipping Name: AEROSOLS, NON-FLAMMABLE
Technical Name: N/A
Hazard Class(es)
Class: 2.2
Subsidiary Risk: N/A
Packing Group: N/A

IMDG

UN Number: UN1950
Proper Shipping Name: AEROSOLS, NON-FLAMMABLE
Technical Name: N/A
Hazard Class(es)
Class: 2.2
Subsidiary Risk: N/A
Packing Group: N/A

The classification shown in this section may be eligible for use of an exception, such as 'Limited Quantity', per the dangerous goods regulations. The shipper of this product should consult the applicable mode's regulation for the UN number displayed above to determine if any exceptions are available and may be utilized, at the shipper's discretion.

15. Regulatory Information

SARA SECTION 313:


This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR 372:

Chemical Name	CAS No.	Wt%
2-Butoxyethanol	111-76-2	2.03

CHEMICAL INVENTORY STATUS:

TSCA On or in compliance with the inventory
DSL All ingredients in this product are listed on the DSL or are exempt.

CALIFORNIA PROPOSITION 65

 **WARNING:** Can expose you to formaldehyde, a carcinogen, and ethylene glycol, a reproductive toxicant. See www.P65Warnings.ca.gov

16. Other Information

Revision Date: 03-01-2025 Creation date: 01-19-2023

Version # 04

Disclaimer The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. This information is accurate to the best of our knowledge or obtained from sources believed to be accurate. Before using any product, read all warnings and directions on the label. For further clarification of any information contained on this SDS consult your supervisor, a health & safety professional, or East Penn Manufacturing Company.

Legend

N/A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

TLV - Threshold Limit Values (TLVs®), as established by the American Conference of Governmental Industrial Hygienists (ACGIH®)

PEL - Permissible Exposure Limit, as established by the U.S. Occupational Safety and Health Administration (OSHA), as amended.

TSCA - U.S. Toxic Substance Control Act

DSL - Canada Environmental Protection Act: Domestic Substance List

This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.