Safety Data Sheet

AT-EZE

SECTION 1: Identification

Trade Name: AT-EZE

Date Prepared: 11/11/2024

Product Identification: 4504

Synonyms: Water-based alkali detergent

Product Use Description: Oven cleaner

Distributed By:

NYCO PRODUCTS COMPANY
5332 DANSHER RD.
Countryside, IL 60525 US

Phone: (800) 752-4754
Website: www.nycoproducts.com

24 HR Emergency Number: (800) 535-5053

SECTION 2: Hazards Identification

Classifications

Skin corrosion - Category 1
Eye Damage - Category 1
Corrosive to Metals
Gasses under pressure - Liquefied gas

Compressed Gas Corrosive

Signal Word: Danger

Hazard Statements

Keep out of reach of children.
Read label and SDS before use.
Causes severe skin burns and eye damage
Contains gas under pressure; may explode if heated.
May be corrosive to metals

Precautionary Statements

Prevention

Do not breathe mists.
Wash hands thoroughly after handling.
Wear protective gloves and clothing.
Wear eye and face protection.
Keep away from heat, sparks, open flames and hot surfaces. -No smoking.
Pressurized container: Do not pierce or burn, even after use.

Response

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with soap and water/shower.
Wash contaminated clothing before reuse.
If skin irritation persists, get medical attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
Immediately call a poison center or a physician.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Immediately call a poison center or a physician
Absorb spillage to prevent material damage.

Storage

Protect from sunlight. Store in a well-ventilated place.
Do not expose to temperatures exceeding 50 °C/ 122 °F.
Store locked up.

Disposal

Dispose of contents and container in accordance with all local, regional, and national regulations.

Hazards Not Otherwise Specified

Not applicable

SECTION 3: Composition

Chemical Name	CAS #	Concentration % by Weight
Sodium Hydroxide	1310-73-2	5 - 10
2-butoxyethanol	111-76-2	1 - 5
Propane	74-98-6	1 - 5
Isobutane	75-28-5	1 - 5
Monoethanolamine	141-43-5	<= 1

SECTION 4: First Aid Measures

EMERGENCY OVERVIEW

DANGER. May be harmful if swallowed. Causes severe skin burns and eye damage.

EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a poison center or a physician.

SKIN: Take off immediately all contaminated clothing and wash it before reuse. Wash with plenty of soap and water/shower. If skin irritation persists get medical attention.

INHALATION: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or a doctor.

INGESTION: Rinse mouth. Do not induce vomiting. Seek medical attention immediately.

SECTION 5: Firefighting Measures

Suitable fire extinguishing media:

Use water spray, fog or foam.

Specific hazards arising from the chemical:

In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed.

Hazardous thermal decomposition products:

Carbon Dioxide, Carbon Monoxide

Specific fire-fighting methods:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire fighters:

Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

SECTION 6: Accidental Release Measures

Personal precautions:

Put on appropriate personal protective equipment (see section 8)

Environmental precautions and clean-up methods:

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all ignition sources. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

SECTION 7: Handling and Storage

Do not use or store near heat, sparks or open flame. Exposure to temperatures above 120 F may cause bursting. Do not puncture or incinerate container. Store in a cool, dry place. Do not get in eyes, on skin or on clothing. Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal. Keep out of reach of children.

SECTION 8: Exposure Controls/Personal Protection

2-butoxyethanol(111-76-2)	
OSHA PEL	25 ppm (skin)
ACGIH TLV	20 ppm
Sodium Hydroxide(1310-73-2)	
OSHA PEL	2 mg/m3
ACGIH TLV	2 mg/m3
Monoethanolamine(141-43-5)	
OSHA PEL	3 ppm
ACGIH TLV	3 ppm
Propane(74-98-6)	
ACGIH TLV	1000 ppm
Isobutane(75-28-5)	
ACGIH TLV	1000 ppm

Eye Protection: Wear safety glasses or goggles.

Skin Protection: To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile or neoprene).

Respiratory Protection: When respiratory protection is required use an organic vapor cartridge. A respiratory program that meets OSHA's 29 CFR 1910.34 & ANSI Z88.2requirements must be followed.

Engineering Controls: Good general ventilation required.

SECTION 9: Physical and Chemical Properties

Property	Value	Property	Value
Appearance	CLEAR SPRAY	Auto Ignition Temp	NOT AVAILABLE
Boiling Point	NOT AVAILABLE	Color	COLORLESS
Decomposition Temperature	NOT AVAILABLE	Evaporation Rate	NOT AVAILABLE
Explosive Limit Ranges	NOT AVAILABLE	Explosive Properties	NOT AVAILABLE
Flash Point	NONE (liquid portion)	Melting/Freezing Point	NOT AVAILABLE
Odor	SLIGHT SOLVENT	Odor Threshold	NOT AVAILABLE
Other Information	VOC content (wt. %): 7.95	Oxidizing Properties	NOT AVAILABLE
Partition Coeff	NOT AVAILABLE	Physical State	LIQUID
Relative Density	1.0	Solubility (Water)	COMPLETE
Vapor Density	NOT AVAILABLE	Vapor Pressure	NOT AVAILABLE
Viscosity	NOT AVAILABLE	pH	12-13

SECTION 10: Stability and Reactivity

Reactivity
Under normal conditions of storage and use, hazardous reactions will not occur.
Chemical Stability
Stable under normal conditions.
Incompatible Materials
Acids and strong oxidizers
Conditions to Avoid
High temperatures, open flames, sparks, welding.
Hazardous Decomposition Products
CO, CO2

SECTION 11: Toxicological Information

Primary Route of Entry: Skin contact, eye contact, inhalation

Acute/Potential Health Effects:

EYES: Causes severe irritation experienced as discomfort or pain, excess blinking and tear production, with redness and swelling of the conjunctiva.

SKIN: Brief contact may cause slight irritation. Prolonged contact may cause more severe irritation with pain, local redness and swelling and possible tissue destruction.

INHALATION: High vapor/aerosol concentrations (>1000 ppm) are irritating to the eyes and respiratory tract.

INGESTION: May be harmful or fatal if swallowed. Corrosive. Can cause severe burns and complete tissue perforation of mucous membranes, mouth, throat and stomach.

Target Organ Effects: Liver, kidney, lungs and upper respiratory tract, gastrointestinal tract, eyes.

Reproductive/Developmental Information: 2-Butoxyethanol has caused red blood cell hemolysis in lab animals and secondary injury to the liver and kidney.

Carcinogenic Information: This material is not listed as a carcinogen by IARC, NTP or OSHA.

Acute Toxicity Values:

2-butoxyethanol: Ingestion - LD50, rat, 1300 mg/Kg; Dermal LD50, guinea pig 1400 mg/Kg; Inhalation - LC50, 1 hr, vapor, guinea pig > 3.1 mg/l

Sodium Hydroxide: Oral - LD50, rat 300 - 500 mg/kg

SECTION 12: Ecological Information

2-butoxyethanol: EC50, Daphnia magna, static test, 48 h, immobilization: 1550 mg/l
Bluegill sunfish, static test, 96 h, 1300 mg/l.
Sodium Hydroxide: Fish LC50, Mosquitofish (Gambusia affinis affinis), 125 mg/l, 96 hr.

SECTION 13: Disposal Considerations

Waste must be disposed of in accordance with federal, state and local environmental control regulations. See label for further instructions.

SECTION 14: Transport Information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

UN number 1950

Proper shipping name Aerosols, nonflammable

Class 2.2

Packing group -

SECTION 15: Regulatory Information

CERCLA RQ (40 CFR 302)

Sodium Hydroxide **1000** **LB**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (40 CFR 372.65)

2-butoxyethanol

If identified components of this product are **CERCLA** hazardous substances and/or listed under **Sections 302, 304, or 313 of Title III** of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (also known as EPCRA, the Emergency Planning and Community Right-To-Know Act), or under **California Proposition 65** (Safe Drinking Water and Toxic Enforcement Act), they are listed above in Section 15 of this SDS.

If identified components of this product are listed under Section 313, this product contains toxic chemicals subject to the reporting requirements of Section 313. This information must be included in all SDS that are copied and distributed for this material.

Title III Section 311/312 Hazardous Categories - 40 CFR 370.2:

ACUTE (X) Chronic ( ) Fire ( ) Pressure (X) Reactive ( ) Not Applicable ( )

T.S.C.A. Status: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

RCRA Status: Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes hazardous waste it would be assigned RCRA Code(s)

D002

SECTION 16: Other Information

HMIS Ratings :

HEALTH	2
FLAMMABILITY	4
REACTIVITY	0
PERSONAL PROTECTION	B

Disclaimer: This Manufacturer believes that the information contained in the Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of the publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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