

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

COMPANY NAME:	AMERICAN INDUSTRIES, INC.	PRODUCT NAME:	BRUTYL
ADDRESS LINE 1:	4300 Kahn Drive, Box 1405	PRODUCT CODE:	2297
ADDRESS LINE 2:	Lumberton, NC 28359-1405 USA	PRODUCT USE:	Butyl-based Foaming Degreaser/Cleaner
TELEPHONE NUMBERS:	800-753-5153 (or) 910-738-7224	SDS FILE ID:	2297.12
EMERGENCY PHONE:	CHEMTREC 1-800-424-9300	SDS DATE:	2025-10-17
		REPLACES VERSION DATED:	2024-02-08 and all prior versions

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification	
Aerosol	Category 2
Eye Irritant	Category 2
Skin Irritant	Category 2
Specific Target Organ Toxicity (Repeated Exposure)	Category 2
Label elements	



Signal word	Warning
Hazard statement:	Flammable Aerosol. Pressurized container: may burst if heated. Causes skin and serious eye irritation. May cause damage to respiratory tract through prolonged or repeated exposure if inhaled.
Precautionary statement	This product contains the following percentage of chemicals of unknown toxicity: N/A Keep away from heat, hot surfaces, sparks, open flames or other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 122°F (50°C). Do not breathe mist, vapors, or spray. Wash hands thoroughly after handling. Wear protective gloves and eye protection. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention. Get medical advice or attention if you feel unwell. Store in a well-ventilated place. Dispose of contents and container in accordance with local, state and federal regulations.
Hazard(s) not otherwise classified (HNOC)	N/A

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
2-Butoxyethanol	111-76-2	1-10
n-Butane	106-97-8	1-10
4-Nonylphenol, branched, ethoxylated	127087-87-0	1-10
Ethylenediaminetetraacetic acid (EDTA)	60-00-4	1-10
Propane	74-98-6	1-10
Potassium hydroxide	1310-58-3	1-10

Trade Secret Information: A specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Seek medical attention if irritation persists.
Ingestion	Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists. Never give anything by mouth to an unconscious person.

Skin contact	Immediately wash with water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.
Inhalation	Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.
Acute Health Hazards	Causes skin irritation including redness, burning and drying/cracking. Causes eye irritation including redness, tearing, and pain. Inhalation may cause respiratory tract irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic health hazards	Prolonged inhalation may be harmful.
Note to physician	Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	Use appropriate media for surrounding fire.
Unsuitable extinguishing media	N/A
Special firefighting procedures	Wear NIOSH approved Self-Contained Breathing Apparatus with a full-face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Shut off all sources of ignition. Use water spray to disperse vapor and cool fire exposed containers. Prevent run off from entering streams, sewers, or drinking water supply.
Unusual fire and explosion hazards	FLAMMABLE. Contents under pressure. Exposure to temperatures above 122°F (50°C) may cause bursting. Keep away from heat, sparks, open flames and other sources of ignition.
Hazardous combustion products	Oxides of carbon and various hydrocarbons.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal protective equipment	Refer to section VIII for proper Personal Protective Equipment.
Spill	Eliminate all sources of ignition. Prevent spill from entering sewers, storm drains and natural waterways. Absorb with noncombustible material like vermiculite, sand or earth. Place waste in proper containers for waste disposal. Small releases may be wiped up with wiping material.
Waste disposal	Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection. Do not puncture, incinerate, or reuse container
RCRA Status	Waste likely considered D001 (Ignitable waste) and/or D002 (Corrosive waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 7: HANDLING AND STORAGE

Handling and storage	Do not use or store near heat, open flames or other sources of ignition. Wear proper personal protective equipment when using this product. Avoid contact with skin, eyes and clothing. Do not inhale mist or vapor. Store in a cool, dry area. Protect from sunlight. Store in a well ventilated area. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use. Do not use or store with strong oxidizers. Wash hands thoroughly after handling.
Other precautions	Keep out of the reach of children. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.
Incompatibility	Strong oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Hazardous Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
2-Butoxyethanol	50 ppm	20 ppm
n-Butane	15 mg/m ³ (total dust)	1000 ppm
4-Nonylphenol, branched, ethoxylated	15 mg/m ³ (total dust)	Not Established
Ethylenediaminetetraacetic acid (EDTA)	15 mg/m ³ (total dust)	Not Established
Propane	1000 ppm	1000 ppm
Potassium hydroxide	2 mg/m ³	2 mg/m ³
Engineering controls/ventilation	Local ventilation/exhaust adequate to maintain vapor concentrations below PEL/TLV.	

Respiratory protection	Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.
Personal protective equipment	Safety glasses/goggles and chemical resistant gloves.
Additional Measures	Avoid contact with skin, eyes or clothing. Avoid breathing spray. Wash hands thoroughly after handling. No smoking or open flames.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, colorless spray
Odor	Citrus scent, mild ammonia odor.
Odor threshold	N/D
Boiling point	>130°F (54.4°C)
Melting Point/Freezing Point	N/D
Flammability (solid/gas)	Flammable Aerosol
Flash point	N/D
Auto-ignition temperature	N/D
Upper/lower flammability or explosive limits	Lower: N/D Upper: N/D
Vapor Pressure (mmHg)	N/D
Vapor density (Air = 1)	N/D
Evaporation Rate	Slow
pH	11.3 – 11.7
Solubility in Water	100%
Partition Coefficient:n-Octanol/water (K _{ow})	N/D
Relative Density (H ₂ O=1)	0.99 – 1.01 @ 77°F (25°C)
Solids	2.0 – 4.0%
Decomposition Temperature	N/D
Viscosity	N/D

SECTION 10: STABILITY AND REACTIVITY

Reactivity	None known.
Chemical stability	Stable.
Conditions to avoid	Temperatures greater than 122°F (50°C) and sources of ignition. Avoid incompatible materials.
Incompatibility	Strong oxidizing agents
Hazardous decomposition products	Stable under normal storage conditions.
Possible hazardous reactions	None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological information	2-Butoxyethanol (111-76-2) LD ₅₀ (Oral, Rat) 320 mg/kg; LD ₅₀ (Dermal, Rabbit) 440 mg/kg; LC ₅₀ (Inhalation, Mice, 4h) 700 ppm. Butane (106-97-8) LC ₅₀ (Inhalation, Rat, 4h) 30957 mg/m ³ . 4-Nonylphenol, branched, ethoxylated (127087-87-0) LD ₅₀ (Oral) 3314 mg/kg; LD ₅₀ (Dermal, Rabbit) > 3000 mg/kg. Propane (74-98-6) LC ₅₀ (Inhalation, Rat, 4h) 658 mg/L. Potassium hydroxide (1310-58-3) LD ₅₀ (Oral, Rat) 273 mg/kg
Routes of Entry	Eyes, Inhalation, Skin
Eyes	Causes serious irritation, redness, tearing, pain.
Ingestion	Not a likely route of exposure under normal product handling conditions. May cause gastrointestinal irritation, nausea, diarrhea, vomiting.
Inhalation	May cause respirator tract irritation, dizziness, headaches, nausea, unconsciousness, central nervous system (CNS) depression.
Skin	Causes skin irritation, localized defatting and dermatitis.
Medical condition aggravated	Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.

Acute health hazards	Causes skin irritation including potential redness, burning and drying/cracking. Causes eye irritation including redness, tearing, and pain. Inhalation may cause respiratory tract irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic health hazards	Prolonged inhalation may be harmful.
Carcinogenicity	OSHA: No, ACGIH: No, NTP: No, IARC: 3 – Not classified, OTHER: N/A

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	Harmful to aquatic life with long lasting effects. Potassium hydroxide (1310-58-3) LC ₅₀ (Gambusia affinis, 96h) 80 mg/L. Ethylenediaminetetraacetic acid (EDTA) (60-00-4) LC ₅₀ (Lepomis macrochirus, 96h) > 1000 mg/L; EC ₅₀ (Daphnia magna, 48h, static) 140 mg/L; ErC ₅₀ (Pseudokirchneriella subcapitata, 72h) > 300 mg/L; NOEC (Danio rerio, 35d, flow-through) 37.2 mg/L; NOEC (Daphnia magna, 21D) 25 mg/L. 4-Nonylphenol, branched, ethoxylated (127087-87-0) LC ₅₀ (Pimephales promelas, 96h) 7.7 mg/L; EC ₅₀ (Daphnia, 48h) 21.4 mg/L. 2-Butoxyethanol (111-76-2) LC ₅₀ (Fish, 96h) 1370 mg/L; LC ₅₀ (Menidia beryllina, 96h) 1250mg/L.
Persistence and degradability	Component or components of this product are expected to biodegrade over time.
Bioaccumulation	Component or components in this product are not expected to bioaccumulate.
Mobility in soil	Component or components in this product are mobile in soil.
Other adverse effects	None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal	Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection. Do not puncture, incinerate, or reuse container.
RCRA Status	Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 14: TRANSPORT INFORMATION

DOT	UN number	UN 1950
	UN proper shipping name	Aerosols, Ltd. Qty.
	Transport hazard class(es)	2.1
	Packing group	N/A
AIR	UN number	UN 1950
	UN proper shipping name	Aerosols, flammable.
	Transport hazard class(es)	2.1
	Packing group	N/A
Water	UN number	UN 1950
	UN proper shipping name	Aerosols.
	Transport hazard class(es)	2.1
	Packing group	N/A
	Environmental Hazards Water	Marine Pollutant

SECTION 15: REGULATORY INFORMATION

TSCA STATUS: All chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Potassium hydroxide (1310-58-3) Reportable Quantity= 1,000 pounds. Ethylenediaminetetraacetic acid (EDTA) (60-00-4) Reportable Quantity= 5000 pounds. Sodium nitrite (7632-00-0) Reportable Quantity= 100 pounds. Ammonium hydroxide (1336-21-6) Reportable Quantity= 1,000 pounds.

SARA 311/312 HAZARD CATEGORIES: Physical & health hazards

SARA 313 REPORTABLE INGREDIENTS: Certain Glycol Ethers (Category Code N230).

CLEAN WATER ACT: Potassium hydroxide (1310-58-3) is a hazardous substance. Ethylenediaminetetraacetic acid (EDTA) (60- 00-4) is a hazardous substance. Sodium nitrite (7632-00-0) is a hazardous substance. Ammonium hydroxide (1336-21-6) is a hazardous substance.

STATE REGULATIONS: California Proposition 65: This product does not contain chemicals regulated by California Proposition 65. 2-Butoxyethanol (111-76-2): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: MA, PA, RI. 4-Nonylphenol, branched, ethoxylated (127087-87-0): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: ME, MA, MN, NJ. Ethylenediaminetetraacetic acid (EDTA) (60-00-4): Included on State Hazardous Substances Inventories, Right- to-Know lists

and/or Air Quality or Air Pollutants lists for the following states: MA, PA. Potassium hydroxide (1310-58-3): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CA, IL, LA, MA, MN, NJ, NY, PA, RI. Sodium nitrite (7632-00-0): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: MA, NJ, PA. Ammonium hydroxide (1336-21-6): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: MA, PA.

INTERNATIONAL REGULATIONS: Listed or exempt from listing/notification on the following chemical inventories: Australian Inventory of Industrial Chemicals (AIIC, Australia). Domestic Substances List (DSL, Canada). Inventory of Existing Chemical Substances in China (IECSC, China). Existing and New Chemical Substances (ENCS, Japan). New Zealand Inventory of Chemicals (NZIoC, New Zealand). Philippine Inventory of Chemicals and Chemical Substances (PICCS, Philippines). Korea Existing Chemicals Inventory (KECI, South Korea).

VOLATILE ORGANIC COMPOUNDS (VOC): 7.8%

NFPA HEALTH	2	HMIS HEALTH	*2
NFPA FLAMMABILITY	2	HMIS FLAMMABILITY	2
NFPA REACTIVITY	0	HMIS REACTIVITY	0
NFPA OTHER	None	HMIS PROTECTION	B

SECTION 16: OTHER INFORMATION

Important Note: *To be the best of our knowledge, the information contained herein is accurate. However there is no assumption of liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Since the conditions of handling, storage and disposal of this product are beyond the control of the manufacturer/supplier, the manufacturer/supplier will not be responsible for loss, injury, or expense arising out of the products improper use. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.*

End of SDS