

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

COMPANY NAME: AMERICAN INDUSTRIES, INC.
ADDRESS LINE 1: 4300 Kahn Drive, Box 1405
ADDRESS LINE 2: Lumberton, NC 28359-1405 USA
TELEPHONE NUMBERS: 800-753-5153 (or) 910-738-7224
EMERGENCY PHONE: CHEMTREC 1-800-424-9300

PRODUCT NAME: BRUTYL
PRODUCT CODE: 2297
PRODUCT USE: Butyl-based Foaming
Degreaser/Cleaner
SDS FILE ID: 2297.11
SDS DATE: 2024-02-08
REPLACES VERSION DATED: 2023-02-23 *and all prior versions*

SECTION 2: HAZARDS IDENTIFICATION

Classification: Liquefied Gas

Label elements



Signal word: Danger

Eye Damage: Category 1

Skin corrosion: Category 1

Hazard statement: 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.

Precautionary statement

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 occurs: 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

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.

Hazard(s) not otherwise classified (HNOC)

N/A

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS number	%
Diethylene Glycol Butyl Ether	112-34-5	1-5
Isopropanol	67-63-0	1-5
Propane	74-98-6	1-5
Isobutane	75-28-5	1-5
Trisodium Phosphate	7601-54-9	1-5

SECTION 4: FIRST AID MEASURES

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.
Ingestion	Rinse mouth. Do not induce vomiting. Seek medical attention immediately.
Skin contact	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.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	Use water spray, fog or foam.
Unsuitable extinguishing media	N/A
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.
Special firefighting procedures	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 equip 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 protective equipment	Refer to section VIII for proper Personal Protective Equipment.
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

<u>Hazardous Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Isopropanol (67-63-0)	400 ppm	400 ppm
Isobutanes (75-28-5)	-	1000 ppm
Propane (74-98-6)	-	1000 ppm
Appropriate engineering controls	Good general ventilation required.	
Respiratory protection	When respiratory protection is required use an organic vapor cartridge. A respiratory program that meets OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements must be followed.	
Skin protection	To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile or neoprene).	
Eye protection	Wear safety glasses or goggles.	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear spray/mist
Odor	Slight solvent
Odor threshold	N/A
Boiling point	N/A
Freezing Point	N/A

Flammability (solid/gas)	N/A	
Flash point	None	
Auto-ignition temperature	N/A	
Upper/lower flammability or explosive limits	Lower: N/A	Upper: N/A
Vapor Pressure (mmHg)	N/A	
Vapor density (Air = 1)	N/A	
Evaporation Rate	N/A	
pH	12-13	
Solubility in Water	100%	
Partition Coefficient:n-Octanol/water (K _{ow})	N/A	
Relative Density (H ₂ O=1)	1.0	
Decomposition Temperature	N/A	
Viscosity	N/A	

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Under normal conditions of storage and use, hazardous reactions will not occur.
Chemical stability	Stable under normal conditions.
Conditions to avoid	High temperatures, open flames, sparks, welding.
Incompatibility	Acids and strong oxidizers
Hazardous decomposition products	CO, CO ₂

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of Entry	Eyes, Inhalation, Skin.
Acute/Potential Health Effects	
Inhalation	High vapor/aerosol concentrations (>1000 ppm) are irritating to the eyes and respiratory tract.
Skin contact	Brief contact may cause slight irritation. Prolonged contact may cause more severe irritation with pain, local redness and swelling and possible tissue destruction.
Ingestion	May be harmful or fatal if swallowed. Corrosive. Can cause severe burns and complete tissue perforation of mucous membranes, mouth, throat and stomach.
Eye contact	Causes severe irritation experienced as discomfort or pain, excess blinking and tear production, with redness and swelling of the conjunctiva.
Target Organ Effects	Lungs and upper respiratory tract, gastrointestinal tract, eyes, skin.
Chronic/Long Term Effects	None known.
Reproductive/Developmental information	No data.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Acute Toxicity Values	Diethylene Glycol Butyl Ether: Ingestion - LD ₅₀ , rat, 2410 mg/Kg; Dermal LD ₅₀ , rabbit 2764 mg/Kg

SECTION 12: ECOLOGICAL INFORMATION

Diethylene Glycol Butyl Ether: EC₅₀, Daphnia magna, static test, 48 h, immobilization: > 100 mg/l;
Bluegill sunfish, static test, 96 h, 1300 mg/l.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal Dispose of in accordance with federal, state, and local regulations. See label for further instructions.

SECTION 14: TRANSPORT INFORMATION

DOT	
UN number	1950
UN proper shipping name	Aerosols, nonflammable
Transport hazard class(es)	2.2
Packing group	N/A

SECTION 15: REGULATORY INFORMATION

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

Diethylene Glycol Butyl Ether

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

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