

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:	2297.08
EMERGENCY PHONE:	CHEMTREC 1-800-424-9300	SDS DATE:	2018-07-20
		REPLACES VERSION DATED:	2015-05-04 and all prior versions

SECTION 2: HAZARDS IDENTIFICATION

Classification: Liquefied Gas
Label elements



Signal word	Warning
Hazard statement:	Contains gas under pressure; May explode if heated. This product contains the following percentage of chemicals of unknown toxicity: 0%
Precautionary statement	Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 122°F (50°C). Store in a well-ventilated place.
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	1-5
Propane/n-Butane	68476-86-8	3-7

SECTION 4: FIRST AID MEASURES

Inhalation	Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.
Skin contact	Immediately wash with soap and water for 15 minutes. Seek medical attention if irritation develops.
Eye contact	Immediately flush with water for 15 - 20 minutes while holding eyelids open. Seek medical attention if irritation develops.
Ingestion	Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists.
Acute health hazards	None Known
Chronic health hazards	None known
Note to physician	There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	Dry chemical, carbon dioxide, alcohol foam, and water spray or fog.
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. Use water spray only to cool exposed containers.
Unusual fire and explosion hazards	Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.
Hazardous combustion products	Oxides of carbon.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal protective equipment	Refer to section VIII for proper Personal Protective Equipment.
Spill	Use non-combustible material like vermiculite, sand or earth on spill sweep to clean. Dispose in accordance with local, state and federal laws. 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	Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use.
Other precautions	None.
Incompatibility	Strong oxidizers, Alkalies, Acids.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Hazardous Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
2-Butoxyethanol	50 ppm	20 ppm
Propane/n-Butane	1000 ppm	1000 ppm
Appropriate engineering controls	Ambient ventilation suitable, forced ventilation should not be required.	
Respiratory protection	Not required with normal use.	
Personal protective equipment	Safety glasses.	
Additional Measures	Follow normal hygiene practices.	
Exposure guidelines	N/A	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White Foam
Odor	Lemon-scent, mild ammonia odor.
Odor threshold	N/D
Boiling point	>212°F (100°C)
Freezing Point	N/D
Flammability	Not considered a flammable aerosol or an extremely flammable aerosol by OSHA (29 CFR 1910.1200)
Flash point	N/D
Auto-ignition temperature	N/D
Upper/lower flammability limits	Lower: N/D Upper: N/D
Vapor Pressure (mmHg)	17.5 @ 77°F (25°C)
Vapor density (Air = 1)	1
Evaporation Rate	<1
Specific Gravity (H2O=1)	1.00
pH	11.6
Solids (%)	4%

Solubility in Water	100%
Partition Coefficient:n-Octanol/water (K _{ow})	N/D
Volatility including water (%)	99%
VOC	6.9%
Dielectric Strength (Volts)	N/A
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.
Incompatibility	Strong oxidizers, alkalis, acids.
Hazardous decomposition products	Oxides of carbon.
Possible hazardous reactions	None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological information	2-Butoxyethanol (111-76-2) LD ₅₀ (Oral, Rat) 470 mg/kg; LC ₅₀ (Inhalation, Rat, 4hr) 450 ppm; LD ₅₀ (Dermal, Rabbit) 220 mg/kg
Routes of Entry	Eyes, Ingestion, Inhalation, Skin.
Ingestion	May cause gastrointestinal irritation, nausea.
Inhalation	Irritant. Avoid breathing spray mist. May cause irritation to respiratory tract.
Skin contact	May cause mild irritation, dryness with prolonged or repeated contact.
Eye contact	Causes irritation.
Medical condition aggravated	None known.
Acute health hazards	None known.
Chronic health hazards	None known.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

SECTION 12: ECOLOGICAL INFORMATION

Ecological information	2-Butoxyethanol (111-76-2) Toxic to aquatic life only in high concentrations, lethal concentrations not available.
Biodegradability	This product is biodegradable.
Bioaccumulation	This product is not expected to bioaccumulate.
Mobility in soil	This product is mobile in soil.
Other ecological hazards	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.
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SECTION 14: TRANSPORT INFORMATION

DOT

UN number	Aerosols, Ltd. Qty
UN proper shipping name	1950
Transport hazard class(es)	2.1
Packing group	N/A

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

SECTION 15: REGULATORY INFORMATION

TSCA Status: All chemicals are listed or exempt.

CERCLA (Comprehensive response compensation, and liability act): None.

SARA 311/312 Hazardous categories: None.

SARA 313 reportable ingredients: 2-Butoxyethanol (111-76-2)

Clean water act: None.

US state regulations:

California Proposition 65: None.

New Jersey's Worker and community Right to Know Act: 2-Butoxyethanol - 111-76-2

Massachusetts' Right to Know Law: 2-Butoxyethanol - 111-76-2

Pennsylvania's Right to Know Act: 2-Butoxyethanol - 111-76-2

International inventories: 2-Butoxyethanol (111-76-2) Europe (EINECS), Japan (ENCS), Australia (AICS), WHMIS (Canada), DSCL (EEC), NDSL, Korea (ECL), Philippines (PICCS), New Zealand (NZIOC), China (IECS).

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