

# SAFETY DATA SHEET



## SECTION 1: IDENTIFICATION

<b>COMPANY NAME:</b>	AMERICAN INDUSTRIES, INC.	<b>PRODUCT NAME:</b>	<b>4-WAY (A)</b>
<b>ADDRESS LINE 1:</b>	4300 Kahn Drive, Box 1405	<b>PRODUCT CODE:</b>	2301
<b>ADDRESS LINE 2:</b>	Lumberton, NC 28359-1405 USA	<b>PRODUCT USE:</b>	Industrial Strength Hard Surface Cleaner
<b>TELEPHONE NUMBERS:</b>	800-753-5153 (or) 910-738-7224	<b>SDS FILE ID:</b>	2301.09
<b>EMERGENCY PHONE:</b>	<b>CHEMTREC 1-800-424-9300</b>	<b>SDS DATE:</b>	2015-12-17
		<b>REPLACES VERSION DATED:</b>	2015-11-13 <i>and all prior versions</i>

## SECTION 2: HAZARDS IDENTIFICATION

Classification: Liquefied Gas  
Label elements



Signal word: Warning

Hazard statement: Contains gas under pressure; May explode if heated.

Precautionary statement: This product contains the following percentage of chemicals of unknown toxicity: 0%  
Keep away from heat, sparks, open flames, and hot surfaces. No smoking. 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
Ethyl Alcohol	75-28-5	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. 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 persists.
Ingestion	Do not induce vomiting unless directed by medical authority. Immediately rinse mouth with water. 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      Contents under pressure. Exposure to temperatures above 120°F (49°C) may cause bursting.

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.

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
Ethyl Alcohol	1000 ppm	1000 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	Pleasant scent
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 (29CFR 1910.1200)
Flash point	N/D
Auto-ignition temperature	N/A
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	<0.8 (Slow)
Specific Gravity (H2O=1)	0.99
pH	9.6
Solids (%)	N/D
Solubility in Water	100%
Partition Coefficient:n-Octanol/water (K <sub>ow</sub> )	N/D
Volatility including water (%)	100%
VOC	9%
Dielectric Strength (Volts)	N/A
Decomposition Temperature	N/A

Viscosity N/A

#### SECTION 10: STABILITY AND REACTIVITY

Reactivity N/A  
Chemical stability Stable.  
Conditions to avoid Temperatures greater than 122°F (50°C) and sources of ignition.  
Incompatibility Strong oxidizers, alkalies, acids.  
Hazardous decomposition products None Known.  
Possible hazardous reactions None known.

#### SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological information 2-Butoxyethanol (111-76-2) LD<sub>50</sub> (Oral, Rat) 470 mg/kg; Inhalation rat LC<sub>50</sub> (Inhalation, Rat, 4hr) 450 ppm; LD<sub>50</sub> (Dermal, Rabbit) 220 mg/kg; investigated as a tumorigen, mutagen, reproductive effector. Reproductive Toxicity: Has shown teratogenic effects in laboratory animals.  
Routes of Entry Eyes, Ingestion, Inhalation, Skin.  
Ingestion Not a likely route of exposure under normal product handling conditions.  
Inhalation Causes dizziness if inhaled directly or exposed to excessive amounts.  
Skin contact May cause mild irritation, localized defatting.  
Eye contact May cause 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 Ethyl Alcohol (64-17-5) LC<sub>50</sub> (Fish, 96hr) 12,900-15,300 mg/L; LC<sub>50</sub> (Bacteria, 24hr) 11,200 mg/L; EC<sub>50</sub> (Bacteria, 5-30 min) 34,900 mg/L 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.  
RCRA Status Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

#### SECTION 14: TRANSPORT INFORMATION

DOT UN1920, Aerosols, Limited Quantity

#### 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) 1.5 - 2.5%  
Clean water act: None.

US state regulations: California Proposition 65: None.

International inventories

<u>Country(s) or region</u>	<u>Inventory name</u>	<u>Chemical</u>
Australia	Australian Inventory of Chemical Substances (AICS)	2-Butoxyethanol (111-76-2)
Canada	Workplace Hazardous Materials Information System (WHMIS)	2-Butoxyethanol (111-76-2)
China	Inventory of Existing Chemical Substances in China (IECSC)	2-Butoxyethanol (111-76-2)
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	2-Butoxyethanol (111-76-2)
Japan	Inventory of Existing and New Chemical Substances (ENCS)	2-Butoxyethanol (111-76-2)
Korea	Existing Chemicals List (ECL)	2-Butoxyethanol (111-76-2)
New Zealand	New Zealand Inventory Of Chemicals (NZIOC)	2-Butoxyethanol (111-76-2)
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	2-Butoxyethanol (111-76-2)

**SECTION 16: OTHER INFORMATION**

Hazardous Materials Identification System (HMIS)

HMIS-RATING:	
HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	1

**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\*\*\*