

SAFETY DATA SHEET



SECTION 1: IDENTIFICATION

COMPANY NAME:	AMERICAN INDUSTRIES, INC.	PRODUCT NAME:	BRYTE
ADDRESS LINE 1:	4300 Kahn Drive, Box 1405	PRODUCT CODE:	2408
ADDRESS LINE 2:	Lumberton, NC 28359-1405 USA	PRODUCT USE:	All Purpose Cleaner, Disinfectant, Deodorant
TELEPHONE NUMBERS:	800-753-5153 (or) 910-738-7224	SDS FILE ID:	2408.02
EMERGENCY PHONE:	CHEMTREC 1-800-424-9300	SDS DATE:	2015-06-01
		REPLACES VERSION DATED:	2014-01-02 <i>and all prior versions</i>

SECTION 2: HAZARDS IDENTIFICATION

Classification:	Eye Irritant	Category 2B H320
	Carcinogen	Category 2 H351

Label elements



Signal word	Warning
Hazard statement:	Causes eye irritation. Suspected of causing cancer.

Precautionary statement	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling. Wear eye protection, protective clothing, protective gloves. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Store locked up. Dispose of contents/container to comply with local/regional/national regulations.
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Other hazards	No additional information available.
Unknown acute toxicity	Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance	Not applicable
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Full text of H-phrases: see section 16

Mixture

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>	<u>GHS Classification</u>
2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether	112-34-5	5-10	Eye Irrit. 2A, H319
Tetrasodium ethylenediaminetetracetate	64-02-8	1-5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Trisodium nitrilotriacetate	5064-31-3	.04-.3	Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319 Car. 2, H351

SECTION 4: FIRST AID MEASURES

General	If you feel unwell, seek medical advice (show the label where possible).
Inhalation	Remove victim to fresh air.
Skin contact	Rinse skin with water/shower.
Eye contact	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/attention.

Ingestion	Rinse mouth with water. DO NOT induce vomiting.
Symptoms/injuries	Suspected of causing cancer.
Symptoms/injuries after inhalation	None under normal use.
Symptoms/injuries after skin contact	Contact during a long period may cause light irritation.
Symptoms/injuries after eye contact	Causes eye irritation.
Symptoms/injuries after ingestion	Gastrointestinal complaints.
Special treatment needed	No additional information available.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	All extinguishing media allowed.
Reactivity	Upon combustion CO and CO ₂ are formed.
Firefighting instructions	Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.
Protection during firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

General measures	Isolate from fire, if possible, without unnecessary risk.
Protective equipment for non-emergency personnel	Protective goggles. Gloves. Protective clothing.
Emergency procedures for non-emergency personnel	Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.
Protective equipment for emergency responders	Equip cleanup crew with proper protection.
Emergency procedures for emergency responders	Stop leak if safe to do so. Stop release. Ventilate area.
Environmental precautions	Avoid release to the environment. Prevent entry to sewers and public waters.
Methods for containment	Contain released substance, pump into suitable containers.
Methods for cleaning up	This material and its container must be disposed of in a safe way, and as per local legislation. No additional information available.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing.
Hygiene measures	Wash thoroughly after handling. Wash contaminated clothing before reuse.
Technical measures	Comply with applicable regulations.
Storage conditions	Keep container closed when not in use.
Incompatible products	Strong acids.
Storage area	Meet the legal requirements. Store in a cool area. Store in a well-ventilated place
Special rules on packaging	Meet the legal requirements.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters	No additional information available.
Personal protective equipment	Safety glasses Use appropriate personal protective equipment when risk assessment indicates this is necessary.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear colorless liquid
Odor	Mild odor
Odor threshold	No data available
pH	12-13
Melting point	No data available
Boiling point	No data available
Freezing Point	No data available
Flash point	>200°F (93°C) Closed Cup
Relative evaporation rate (butyl acetate=1)	No data available
Flammability (solid, gas)	No data available
Explosion limits	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Vapor pressure	No data available
Relative density	No data available
Relative vapor density at 20°C (68°F)	No data available
Specific gravity/density	1.01 g/ml
Solubility in Water	Soluble in water
Log Pow	No data available
Log Kow	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
VOC content	< 1 %

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Upon combustion CO and CO2 are formed.
Chemical stability	No additional information available.
Conditions to avoid	No additional information available.
Incompatibility	Strong acids.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Possible hazardous reactions	Refer to section 10 on Reactivity.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity	Not classified.	
Tetrasodium ethylenediaminetetracetate (64-02-8)	LD50 oral rat ATE CLP (oral)	>2000 mg/kg (Rat) 500.000 mg/kg body weight

Trisodium nitrilotriacetate (5064-31-3)	LD50 oral rat LD50 dermal rabbit ATE CLP (oral)	1740 mg/kg rat, male and female >2000 mg/kg 500.000 mg/kg body weight
Skin corrosion/irritation	Not classified. pH 12-13.	
Serious eye damage/irritation	Causes eye irritation. Not classified. pH 12-13.	
Respiratory or skin sensitization	Not classified.	
Germ cell mutagenicity	Not classified.	
Carcinogenicity	Suspected of causing cancer.	
Trisodium nitrilotriacetate (5064-31-3)	IARC group	2B-Possibly Carcinogenic to Humans
Reproductive toxicity	Not classified.	
Specific target organ toxicity (single exposure)	Not classified.	
Specific target organ toxicity (repeated exposure)	Not classified.	
Aspiration hazard	Not classified.	
Symptoms/injuries after inhalation	None under normal use.	
Symptoms/injuries after skin contact	Contact during a long period may cause light irritation.	
Symptoms/injuries after eye contact	Causes eye irritation.	
Symptoms/Injuries after ingestion	Gastrointestinal complaints.	

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Tetrasodium ethylenediaminetetracetate (64-02-8)	LC50 fish 1 EC50 Daphnia 1 LC50 fish 2 Threshold limit algae 1	121 mg/l (96 h; Lepomis macrochirus; Soft water) 625 mg/l (24 h; Daphnia magna) 374-792 mg/l (96 h; Lepomis macrochirus; pH>7) >100 mg/l (72h; Scenedesmus subspicatus; Growth)
Trisodium nitrilotriacetate (5064-31-3)	LC50 fish 1 EC50 Daphnia 1 ErC50 (algae)	114 mg/l Pimephales promelas (fathead minnow); Test Type: flow through test >100 mg/l Daphnia magna (Water flea); Test Type:static test 91.5 mg/l Desmodesmus subspicatus (green algae); Exposure time: 72h; Test Type:static test; Method: OECD Tst Guideline 201

Persistence and degradability

Tetrasodium ethylenediaminetetracetate (64-02-8)	Persistence and degradability Biochemical oxygen demand (BOD) Chemical oxygen demand (COD)	Not readily biodegradable in water <0.002 g O ₂ /g substance 0.54-0.58 g O ₂ /g substance
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Bioaccumulative potential

Tetrasodium ethylenediaminetetracetate (64-02-8)	LOG POW Bioaccumulative potential	-2.6 Bioaccumulation; not applicable
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SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: TRANSPORT INFORMATION

DOT	Not regulated for transport.
Other information	No supplementary information available.
ADR	No additional information available.
Transport by sea	No additional information available
Air transport	No additional information available.

SECTION 15: REGULATORY INFORMATION

TSCA Status: All chemicals are listed or exempt.

This product or mixture does not contain a toxic chemical(s) in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

CALIFORNIA PROPOSITION 65-This product contains, or may contain, trace quantities of a substance(s) known to the State of California to cause cancer and/or reproductive toxicity.

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

CAUTION: KEEP OUT OF REACH OF CHILDREN. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.
EPA REG NO: 1839-83-38090.

SECTION 16: OTHER INFORMATION

Training advice: Normal use of this product shall imply use in accordance with the instructions on the packaging.

Full text of H-phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Carc. 2	Carcinogenicity Category 2
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Eye Irrit. 2B	Serious eye damage/eye irritation Category 2B
H302	Harmful if swallowed.
H318	Causes serious eye damage
H319	Causes serious eye irritation
H320	Causes eye irritation
H351	Suspected of causing cancer

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*****