

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

COMPANY NAME:	AMERICAN INDUSTRIES, INC.	PRODUCT NAME:	BLAST AWAY
ADDRESS LINE 1:	4300 Kahn Drive, Box 1405	PRODUCT CODE:	2358
ADDRESS LINE 2:	Lumberton, NC 28359-1405 USA	PRODUCT USE:	Solvent Cleaner
TELEPHONE NUMBERS:	800-753-5153 (or) 910-738-7224	SDS FILE ID:	2358.07
EMERGENCY PHONE:	CHEMTREC 1-800-424-9300	SDS DATE:	2023-05-03

Replaces version dated: 2020-10-07 and all prior versions

SECTION 2: HAZARDS IDENTIFICATION

Classification:	Dissolved Gas	
	Skin irritation	Category 2
	Eye irritation	Category 2A
	Germ cell mutagenicity	Category 2
	Carcinogenicity	Category 1B
	Specific Target Organ Toxicity (Single Exposure)	Category 3

Label elements



Signal word

Danger

Hazard statements

Contains gas under pressure; may explode if heated. Causes skin and serious eye irritation. Suspected of causing genetic defects. May cause cancer. May cause drowsiness or dizziness.

This product contains the following percentage of chemicals of unknown toxicity: 0%

Precautionary statements

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 50 °C/120 °F. Store in a well-ventilated place. Wash hands thoroughly after handling. Wear protective gloves, eye protection and protective clothing. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash 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 attention. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. If exposed or concerned: Get medical advice or attention. Dispose of contents and container in accordance with local, state, and national regulations. Avoid breathing fumes, mist, vapors, and spray. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
Trichloroethylene	79-01-6	80-100
Carbon Dioxide	124-38-9	1-5

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.
Ingestion	Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention.
Inhalation	Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Keep person warm, quiet and seek immediate medical attention.

Skin Contact	Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. 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 of vapors may cause nausea, dizziness and drowsiness. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic Health Hazards	Possible cancer-causing agent and overexposure may cause dermatitis, dizziness, headache, nausea, mental confusion, and visual disturbances and may damage kidneys, liver, lungs, blood or central nervous system.
Note to Physician	Do not administer adrenaline or epinephrine to a victim of chlorinated solvent poisoning. This product contains ingredients that may be anticipated to be a carcinogen.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	Dry chemical, carbon dioxide, alcohol foam, and water spray.
Unsuitable extinguishing media	Not available.
Unusual Fire and Explosion Hazards	Contents under pressure. Exposure to temperatures above 120 °F may cause bursting. Keep away from sparks, open flames, and hot surfaces. No smoking.
Special Fire Fighting 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.
Hazardous Combustion Products	Oxides of carbon, chlorine, hydrogen chloride and phosgene.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Protective Equipment	Refer to section VIII for proper Personal Protective Equipment
Spill	Eliminate all sources of ignition. Use absorbent 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 contents 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.
RCA Status	Waste solvent likely considered U228 (Trichloroethylene), hazardous, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261)

SECTION 7: HANDLING AND STORAGE

General	Keep away from heat, open flames, or other sources of ignition. Avoid contact with skin, eyes and clothing. Do not inhale mist or vapor. Use only with adequate ventilation. Store in a cool, dry area. Do not use or store with strong oxidizers. 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 hum, even after use.
Other Precautions	Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warning and precautions listed for the product. 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 acids, strong alkalis, strong oxidizing agents, chemically active metals, such as aluminum, barium, lithium, sodium, magnesium, potassium, titanium, beryllium, concentrated nitric acid some plastics, rubbers, and coatings.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls/Ventilation	Use only outdoors or in a well-ventilate area.
Respiratory protection	Wear NIOSH/MSHA approved organic vapor respiratory protection if used in confined, poorly ventilated areas.
Personal Protective Equipment	Safety glasses and chemical resistant gloves

Additional Measures	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective clothing to prevent repeated or prolonged contact with product. Wash hands thoroughly after handling.								
<u>Component</u>	OSHA TWA (ppm)	OSHA TWA (mg/m 3)	OSHA PEL (ppm)	OSHA PEL (mg/m 3)	OSHA Tables <u>Z1,2,3</u>	OSHA Carcinogen	OSHA skin designation	ACGIH TLV (ppm)	ACGIH TLV (mgm3)
Trichloroethylene			100					10	
Carbon Dioxide			5000					5000	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear colorless spray
Odor description	Chlorinated solvent odor
Odor Threshold	N/D
pH	Not available
Melting point/freezing point	N/D
Initial boiling point & boiling range	N/D
Flash point	N/D
Evaporation rate	>3 (Fast)
Flammability (solid/gas)	Not considered a flammable aerosol or an extremely flammable aerosol by OSHA (29CFR 1910.1200)
Lower flammability limit	N/D
Upper flammability limit	N/D
Explosive limit lower	N/D
Explosive limit upper	N/D
Vapor pressure (mm Hg)	N/D
Vapor Density (AIR=1)	N/D
Relative Density (H2O=1)	1.46 – 1.47
Solubility(ies)	0%
Partition Coefficient: n-Octanol/Water (Kow)	N/D
Autoignition temperature	N/D
Decomposition temperature	N/D
Viscosity	N/D

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Chemically active metals and acids
Chemical Stability	Stable
Possible Hazardous Reactions	None known
Conditions to Avoid	Temperatures greater than 122°F and sources of ignition.
Incompatible Materials	Strong acids, strong alkalis, strong oxidizing agents, chemically active metals, such as aluminum, barium, lithium, sodium, magnesium, potassium, titanium, beryllium, concentrated nitric acid some plastics, rubbers, and coatings.
Hazardous Decomposition Products	Oxides of carbon, chlorine, hydrogen chloride and phosgene

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological Information	Trichloroethylene (79-01-6) LD ₅₀ (Oral, Rat) 4920 mg/kg; LD ₅₀ (Dermal, Rabbit) > 20000 mg/kg; LC ₅₀ (Inhalation, Mouse, 4hr) 8450 ppm Carbon Dioxide (124-38-9): LC ₅₀ (Inhalation, Rat, 30 min) 470,000 ppm.
Routes of Entry	Eyes, ingestion, inhalation, skin
Eyes	Causes irritation, burning, redness, tearing.

Ingestion	Causes gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, abdominal cramps.
Inhalation	Irritation to respiratory tract, dizziness, headache, nausea, depression of central nervous system, prolonged exposure may cause unconsciousness, heart effects, liver effects, kidney effects, and death.
Skin	Irritation likely, redness and pain. May cause localized defatting, blistering with prolonged skin contact. May be absorbed through the skin.
Medical Condition Aggravated	Excessive exposure will aggravate pre-existing disorders of eyes, skin, respiratory, liver, kidney, cardiovascular system, pulmonary illnesses, or central nervous system.
Acute Health Hazards	Causes skin irritation including redness, burning and drying/cracking. Causes eye irritation including redness, tearing, and pain. Inhalation of vapors may cause nausea, dizziness and drowsiness. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea
Chronic Health Hazards	Possible cancer-causing agent and overexposure may also include damage to kidneys, liver, dizziness, headache, nausea, mental confusion, visual disturbances, dermatitis, lungs, blood, or central nervous system.
Carcinogenicity	OSHA: Yes ACGIH: A2 - Suspected NTP: 2 - Anticipated IARC: 2A - Probable OTHER: CA Prop 65

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	Harmful to aquatic life with long lasting effects. Trichloroethylene (79-01-6): LCso (<i>Pimephales promelas</i> , 96h) 41 -67 mg/L; LCso (Mollusk shrimp, 96h) 2 mg/L; ECso (<i>Daphnia</i> , 48h) 2.2- 100 mg/L.
Persistence and degradability	Component or components of this product are not biodegradable.
Bioaccumulative potential	This product is not expected to bioaccumulate.
Mobility in soil	This product is mobile in soil.
Other adverse effects	None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal	Dispose of contents 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 solvent likely considered U228 (Trichloroethylene), hazardous, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 14: TRANSPORT INFORMATION

US DOT information	Ground transportation: Limited Quantity
IMDG information	Shipping Name: Aerosols, flammable UN#: 1950 Hazard Class: 2.2(6.1) Required Placard: Limited Quantity
	Marine Pollutant: No data available
IATA Information	Shipping by air forbidden by USDOT regulations

SECTION 15: REGULATORY INFORMATION

79-01-6 –Trichloroethylene	<p>TSCA STATUS: All Chemicals are listed or exempt.</p> <p>CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Trichloroethylene (79-01-6) Reportable Quantity = 100 lbs</p> <p>SARA 311/312 HAZARD CATEGORIES: Gas under pressure. Skin corrosion or irritation. Serious eye damage or eye irritation. Germ cell mutagenicity. Carcinogenicity. Specific target organ toxicity (single or repeated exposure).</p> <p>SARA 313 REPORTABLE INGREDIENTS: Trichloroethylene (79-01-6)</p> <p>STATE REGULATIONS: Prop 65: California Proposition 65:WARNING: This product can expose you to chemicals including Trichloroethylene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov. Trichloroethylene (79-01-6): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CT, FL,IL, LA,MA, MI, MN, NJ, NY, PA, RI, TN.</p>
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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); Korea Existing Chemical Inventory (KECI, Korea); New Zealand Inventory of Chemicals (NZioC, New Zealand); Philippine Inventory of Chemicals and Chemical Substances (PICCS, Philippines).

VOLATILE ORGANIC COMPOUNDS (VOC): 96%

NFPA HEALTH: 2 HMIS HEALTH: 2

NFPA FLAMMABILITY: 1 HMIS FLAMMABILITY: 1

NFPA REACTIVITY: 0 HMIS REACTIVITY: 0

NFPA OTHER: None HMIS PROTECTION: B

SECTION 16: OTHER INFORMATION

Glossary:

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)-HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ - Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA - Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

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