SAFETY DATA SHEET

AMERICAN INDUSTRIES, INC.
WWW.AMERICANINDUSTRIES.COM

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:**	2358.06
EMERGENCY PHONE:	**CHEMTREC 1-800-424-9300**	**SDS DATE:**	2020-10-07
		Replaces version dated:	*2016-03-02 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 1B

Label elements

Signal word: Danger

Hazard statements:
H229 Pressurized container: May burst if heated.
H336 May cause drowsiness or dizziness.
H315 Causes skin irritation.
H341 Suspected of causing genetic defects.
H350 May cause cancer.
H319 Causes serious eye irritation.

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

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P271 Use only outdoors or in a well-ventilated area.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251 Pressurized container: Do not pierce or burn, even after use.
P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.
P312 Call a poison center/doctor if you feel unwell.
P302+P352 If on skin: Wash with plenty of water.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash before reuse.
P308+P313 If exposed or concerned: Get medical advice/attention.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
P403 Store in a well-ventilated place.
P405 Store locked up.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C (122°F).
P501 Dispose of contents and container in accordance with local, state, and national regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS number	%
Trichloroethylene	79-01-6	60-100
Carbon Dioxide	124-38-9	2-4

SECTION 4: FIRST AID MEASURES

Eye Contact	Remove contact lenses. Flus with water for at least 15 minutes. See a physician if irritation persists.
Ingestion	Rinse mouth with water. Do not induce vomiting unless directed my medical authority. Seek medical attention.
Inhalation	If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.
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	Inhalation: dizziness, drowsiness, weakness and fatigue Eye: stinging, tearing, redness Oral: vomiting, nausea, irritation Skin: prolonged or repeated contact may dry skin.
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.
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	Use appropriate media for surrounding fire.
Unsuitable extinguishing media	Not available.
Unusual Fire and Explosion Hazards	Contents under pressure. Keep away from ignition sources and open flames. Exposure to temperatures above 120°F may cause bursting.
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. Use water spray only to cool exposed containers.
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	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	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. Store locked up.
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 reach of children.
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.

Component	OSHA TWA (ppm)	OSHA TWA (mg/m3)	OSHA PEL (ppm)	OSHA PEL (mg/m3)	OSHA Tables Z1,2,3	OSHA Carcinogen	OSHA skin designation	ACGIH TLV (ppm)	ACGIH TLV (mgm3)
Trichloroethylene			10					25	
Carbon Dioxide			5000					25	

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	>188°F (87°C)
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)	59
Vapor Density (AIR=1)	4.5
Relative Density (H2O=1)	1.52
Solubility(ies)	N/D
Partition Coefficient: n-Octanol/Water (Kow)	N/D
Autoignition temperature	N/D
Decomposition temperature	>400°C
Viscostiy	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 may cause bursting
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
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	Inhalation: dizziness, drowsiness, weakness, and fatigue Eye: stinging, tearing, redness Oral: Vomiting, nausea, irritation Skin: Prolonged or repeated contact may dry skin
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	**Trichloroethylene** (79-01-6) LC_{50} (96hr) Fish: 41 - 67 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/NA #: 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	**TSCA STATUS:** All Chemicals are listed or exempt. **CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Trichloroethylene** (79-01-6) Reportable Quantity = 100 lbs **SARA 311/312 HAZARD CATEGORIES:** Acute Health, Chronic Health. **SARA 313 REPORTABLE INGREDIENTS: Trichloroethylene** (79-01-6) **STATE REGULATIONS: Prop 65:** This product can expose you to chemicals including Trichloroethylene which is known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information go to

www.P65Warnings.ca.gov. **Trichloroethylene** (79-01-6) Right-to-Know acts for New York, Rhode Island, Pennsylvania, Florida, Minnesota, Massachusetts, Michigan, New Jersey, Tennesee; Spill Reporting for Massachusetts, New Jersey, Louisiana; Connecticut hazardous material survey; Illinois toxic substances disclosure to employee act
INTERNATIONAL REGULATIONS: Trichloroethylene, CAS 79-01-6, - EC - yes, Japan – yes, Australia – yes, Korea – yes, Canada DSL – yes, Canada NDSL – no, Philipenes – yes.
VOLATILE ORGANIC COMPOUNDS (VOC): 0%
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 TDGCanadian 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