SAFETY DATA SHEET

AMERICAN INDUSTRIES, INC.®
WWW.AMERICANINDUSTRIES.COM

SECTION 1: IDENTIFICATION

COMPANY NAME: AMERICAN INDUSTRIES, INC.
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TELEPHONE NUMBERS: 800-753-5153 (or) 910-738-7224
EMERGENCY PHONE: **CHEMTREC 1-800-424-9300**

PRODUCT NAME: **Ai-30**
PRODUCT CODE: 2210
PRODUCT USE: Dielectric Solvent Blend
Degreaser/Cleaner
SDS FILE ID: 2210.10
SDS DATE: 2015-12-17
REPLACES MSDS VERSION DATED: 2015-02-16 *and all prior revisions*

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification:

Health	Skin irritation	Category 2
	Aspiration hazard	Category 1
Environmental	Chronic Aquatic Toxicity	Category 2
Physical	Flammable Liquid	Category 4

Label elements

Signal word: Danger

Hazard statements:
H227 Combustible liquid.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P264 Wash skin thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P331 Do NOT induce vomiting.
P332 + P313 If skin irritation occurs: Get medical advice/attention.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS number	%
Parraffinic, Naphthenic Solvent	64742-47-8	80-90
d-limonene	94266-47-4	10-20

SECTION 4: FIRST AID MEASURES

Inhalation	If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms appear.
Skin contact	Remove contaminated clothing. Wash with soap and water. Cover the irritated skin with an emollient. Seek medical attention if irritation develops.
Eye contact	Flush eyes with plenty of water for at least 15 minutes. Seek medical attention..
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical attention if symptoms appear.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Hazardous combustion products	Oxides of carbon and various hydrocarbons.
Fire fighting procedures	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH

	approved or equivalent), and full protective gear.
Unusual fire and explosion hazards	Containers can build up pressure if exposed to heat and/or fire. Use water spray to keep fire-exposed containers cool. Containers may explode in the heat of a fire. Vapors will form an explosive mixture with air. Vapors will travel to a source of ignition and flash back.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Provide adequate ventilation. Evacuate all non-essential personnel from the spill area. Eliminate all ignition sources. Suitable protective clothing should be worn. Shut off or plug source of spill.

Small spills: Absorb on inert media and collect into suitable container.

Large Spills: Dike spill area to contain liquid. Salvage as much re-useable liquid as possible into a suitable container. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations

SECTION 7: HANDLING AND STORAGE

Handling	Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Keep container closed and tightly sealed when not in use. Avoid contact with skin and eyes. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge
Storage	This material is a static accumulator. Use non-sparking tools. Store in a cool, dry, ventilated area, away from incompatible substances. Store only in approved properly labeled containers. Containers should be grounded and bonded.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls	Use explosion-proof ventilation equipment. Provide ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits indicated below. The level of protection and types of controls will vary depending upon potential exposure conditions.	
Exposure limits	Paraffinic, Naphthenic Solvent	100 ppm ACGIH; 100 ppm OSHA
	d-limonene	50 ppm ACGIH; 50 ppm OSHA

Personal Protective Equipment:

Eyes	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.
Skin	If prolonged or repeated skin contact is likely, wear appropriate protective gloves.
Clothing	Selection of protective clothing depends on work conditions, potential exposure conditions and may include gloves, boots, suits and other protective items
Respirators	Where adequate ventilation is not available an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard, 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Color	Colorless to light yellow
Form	Liquid
Odor	Citrus Odor
Flash point	145^{o}F (63^{o}C)
Flammability limits	Upper 6
	Lower 1
Boiling point/boiling range	390-410^{o}F (199-210^{o}C)
Melting point/freezing point	No available data
Auto-ignition temperature	No available data
Vapor pressure	0.5 mm Hg
Vapor density (Air-1)	2.5
Specific gravity	0.81
Water solubility	Negligible
Volatile%	>95
pH	Not applicable
Evaporation rate (BuAc=1)	0.2

SECTION 10: STABILITY AND REACTIVITY

Chemical stability	Stable under normal use and temperature conditions.
Conditions to avoid	Keep away from heat, flame and other potential ignition sources. Temperatures in excess of 120°F (49°C) for prolonged periods
Incompatible materials	Strong oxidizing agents.
Hazardous polymerization	Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Signs and symptoms of overexposure

Skin	Contact can cause redness and irritation. Severity depends on the amount and duration of exposure.
Eyes	Vapors are irritating to the eyes. Liquid contact will cause stinging and tearing.
Inhalation	Excessive inhalation of high concentrations may be harmful. Mist or vapor can irritate the throat and lungs. Breathing this material may cause central nervous system depression.
Ingestion	If swallowed this material may irritate the mucous membranes of the mouth throat and esophagus. Aspiration of this material into the lungs may result in damage or death.
Acute oral toxicity	Paraffinic, Naphthenic Solvent: LD50 rat: 2,835 mg/kg d-limonene: LD50 rat: 4,400 mg/kg
Acute inhalation toxicity	Paraffinic, Naphthenic Solvent: LC50 rat: No available data d-limonene: No available data
Acute dermal toxicity	Paraffinic, Naphthenic Solvent: LD50 rabbit: No available data d-limonene: LD50 rabbit: > 5,000 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Aquatic toxicity	No available data
Bio-accumulative potential	No available data
Mobility	No available data

SECTION 13: DISPOSAL CONSIDERATIONS

Any unused product or empty containers may be disposed of as non-hazardous in accordance with state and federal requirements. Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations, mixtures, contamination, and spillage may change the classification. If the resulting material is determined to be hazardous, please dispose in accordance with state and federal (40 CFR 262) hazardous waste regulations.

SECTION 14: TRANSPORT INFORMATION

DOT INFORMATION FOR QUANTITIES GREATER THAN 5 LITERS PER CONTAINER:	NA1993, Combustible Liquid, n.o.s., PGIII (Petroleum Distillates, D-Limonene)
DOT INFORMATION FOR QUANTITIES LESS THAN 5.0 LITERS PER JUG:	Combustible Liquid, n.o.s., Limited Quantity

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

Comprehensive Environmental Response and Liability Act (CERCLA)

SARA 302	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. The reportable quantity (RQ) for this material is 1000 pounds. If appropriate, immediately report to the National Response Center (800/424-8802) as required by U.S.Federal Law. Also contact appropriate state and local regulatory agencies
TSCA Inventory Listing	All components of this product are listed on the TSCA inventory list.
SARA 311/312 Classification	Fire Hazard, Acute Health Hazard
SARA 313 Chemical	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
Clean Water Act	This product contains no chemicals that are listed under the CWA.
Clean Air Act	This product contains no chemicals that are listed under the CAA.

California Prop 65	This product contains no chemicals known by the State of California to cause cancer, birth defects or other reproductive harm.

SECTION 16: OTHER INFORMATION

Hazardous Materials Identification System (HMIS)

HMIS® RATING:	
HEALTH	2
FLAMMABILITY	2
PHYSICAL HAZARD	0

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