

# SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION

**COMPANY NAME:** AMERICAN INDUSTRIES, INC.  
**ADDRESS LINE 1:** 4300 Kahn Drive, Box 1405  
**ADDRESS LINE 2:** Lumberton, NC 28359-1405 USA  
**TELEPHONE NUMBERS:** 800-753-5153 (or) 910-738-7224  
**EMERGENCY PHONE:** CHEMTREC 1-800-424-9300

**PRODUCT NAME:** Ai-30 22 Oz  
**PRODUCT CODE:** 2429  
**PRODUCT USE:** Dielectric Solvent Blend  
Degreaser/Cleaner  
**SDS FILE ID:** 2429.07  
**SDS DATE:** 201512-17

REPLACES MSDS VERSION DATED: 2015-01-02 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 | %     |
|--------------------------------|------------|-------|
| Paraffinic, 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.<br>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<br>d-limonene   | 100 ppm ACGIH; 100 ppm OSHA<br>50 ppm ACGIH; 50 ppm OSHA |
| Personal Protective Equipment: |  |  |
| Eye/face Protection            | Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.   |  |
| Skin Protection<br>Clothing    | If prolonged or repeated skin contact is likely, wear appropriate protective gloves. 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 |
| Physical State               | Liquid                    |
| Odor                         | Citrus Odor               |
| Flash point                  | 145°F (63°C)              |
| Flammability limits          | Upper 6<br>Lower 1        |
| Boiling point/boiling range  | 390-410°F (199-210°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.   |
| Acute oral toxicity       | Aspiration of this material into the lungs may result in damage or death.<br>Paraffinic, Naphthenic Solvent: LD50 rat: 2,835 mg/kg<br>d-limonene: LD50 rat: 4,400 mg/kg           |
| Acute inhalation toxicity | Paraffinic, Naphthenic Solvent: LC50 rat: No available data<br>d-limonene: No available data  |
| Acute dermal toxicity     | Paraffinic, Naphthenic Solvent: LD50 rabbit: No available data<br>d-limonene: LD50 rabbit: > 5,000 mg/kg  |

## SECTION 12: ECOLOGICAL INFORMATION

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

## 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 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\*\*\*