

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

COMPANY NAME:	AMERICAN INDUSTRIES, INC.	PRODUCT NAME:	Ai-25 (Qts)
ADDRESS LINE 1:	4300 Kahn Drive, Box 1405	PRODUCT CODE:	2521
ADDRESS LINE 2:	Lumberton, NC 28359-1405 USA	PRODUCT USE:	Dielectric Solvent Degreaser/Cleaner
TELEPHONE NUMBERS:	800-753-5153 (or) 910-738-7224	SDS FILE ID:	2521.03
EMERGENCY PHONE:	CHEMTREC 1-800-424-9300	SDS DATE:	2024-04-08
		REPLACES version dated: 2023-09-28 and all prior versions	

SECTION 2: HAZARDS IDENTIFICATION

GHS classification:	Flammable liquids	Category 4
	Aspiration hazard	Category 1

Label elements:



Signal word	Danger
Hazard statements	H227 Combustible liquid. H304 May be fatal if swallowed and enters airways.
Precautionary statements:	
Prevention	P210 Keep away from open flames/hot surfaces. No smoking. P280 Wear protective gloves/eye protection/face protection.
Response	P370 + P378 In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide for extinction. P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P331 Do NOT induce vomiting.
Storage	P403 + P405 + P235 Store locked up in a well-ventilated place. Keep cool.
Disposal	P501 Dispose of contents/container to an approved waste disposal plant.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
Distillates, petroleum, hydrotreated light	64742-47-8	100

See Section 8 for Exposure Guidelines and Section 15 for Regulatory Classifications.

SECTION 4: FIRST AID MEASURES

Inhalation	Remove person to fresh air and keep comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration. In case of shortness of breath, give oxygen. Call a physician immediately.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. When symptoms persist or in all cases of doubt seek medical advice. Wash contaminated clothing before re-use.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Ingestion	If swallowed, call a poison control centre or doctor immediately. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

SECTION 5: FIRE-FIGHTING MEASURES

Reactivity	The product is non-reactive under normal condition of use, storage and transport.
Fire hazard	NFPA Class IIIA combustible liquid.
Suitable/extinguishing media	Water spray or fog, foam, dry chemical, carbon dioxide.
Protective equipment and precautions for firefighters	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Methods and materials for containment and clean up Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling Ensure all equipment is electrically grounded before beginning transfer operations.
Storage/Transport temperature Ambient
Storage/Transport pressure Ambient

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures Air contaminant levels should be controlled below the PEL or TLV for this product (see Exposure Guidelines).

Personal Protective Equipment:

Eye/face Protection Wear as appropriate: Goggles; Face-shield
Skin Protection Wear suitable protective clothing, gloves, and eye/face protection.
Respiratory Protection Respiratory protection is normally not required except in emergencies or when conditions cause excessive airborne levels of mists or vapors. Use NIOSH approved respiratory protection.

Exposure guidelines Contains no substances with occupational exposure limit values., The following Sasol internal standard would apply:, 100 ppm (525 mg/m³) for 8-hour TWA (Exposure limits for Petroleum Distillate - Stoddard Solvent)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Color Clear
Physical State Liquid
Odor Hydrocarbon-like
Odor Threshold No data available
Flash point 79 °C, 174 °F
Boiling point/boiling range 204 - 246 °C, 400 - 475 °F; ASTM D-86
Melting point/range < -70 °C, < -94 °F; ASTM D-2386
Auto-ignition temperature 231 °C; 448 °F; ASTM E 659
Explosion limits Upper: 7.0% Lower: 0.6%
Decomposition temperature No data available
Flammability (solid, gas) Not applicable
Vapor pressure 0.05 mm Hg @ 20 °C, 68 °F; ASTM D 2879-86
Vapor density 5.9
Density 0.810 g/cm³ @ 15.5 °C, 60 °F; ASTM D-287;
Water solubility Negligible
Viscosity 1.746 cSt @ 40 °C, 104 °F; ASTM D 445
pH Not available
Evaporation rate No data available
Log Pow No data available

SECTION 10: STABILITY AND REACTIVITY

Reactivity Stable at normal ambient temperature and pressure.
Chemical stability No decomposition if stored and applied as directed.
Conditions to avoid Avoid contact with hot surfaces, heat. No flames, sparks. Eliminate all sources of ignition.
Hazardous decomposition products Hazardous gases and vapors produced in fire are oxides of carbon.
Incompatible materials Oxidizing agents.
Hazardous polymerization None.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity	Not classified
Distillates, petroleum, hydrotreated light (CAS# 64742-47-8)	
Acute dermal toxicity	LD50 rabbit: 2000-4000 mg/kg
Acute inhalation toxicity	LC50 rat (4 hours): 6.8 mg/l All rats survived at indicated concentration
Acute oral toxicity	LD50 rat: >5000 mg/kg
Skin corrosion/irritation	Primary irritation (Rabbit): 2.2 (Max. score is 8.0.)
Serious eye damage/irritation	Primary irritation (Rabbit): 3.3 (Max. score is 110.)
Respiratory or skin sensitization	No data available.
Germ cell mutagenicity	No data available.
Carcinogenicity	Contains no ingredients listed as a carcinogen.
Reproductive toxicity	No data available.
Specific target organ toxicity - single exposure	No data available.
Specific target organ toxicity - repeated exposure	No data available.
Aspiration toxicity	May be fatal if swallowed and enters entryways.

SECTION 12: ECOLOGICAL INFORMATION

General ecology	The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
Aquatic toxicity	Not toxic to aquatic organisms (fish, daphnia, algae) up to water solubility.
Toxicity to fish	No data available.
Toxicity to aquatic invertebrates	No data available.
Toxicity to algae	No data available.
Chronic toxicity to fish	No data available.
Chronic toxicity to aquatic invertebrates	No data available.
Persistence and degradability	Readily biodegradable. OECD Test Guideline 301F (28 d): 85 % Test substance: LPA 170 Solvent
Bioaccumulation	No data available.
Mobility in soil	No data available.
Other adverse effects	No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste code	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.
Disposal methods	Dispose of only in accordance with local, state, and federal regulations. Land disposal of this product is restricted. Do not contaminate any lakes, streams, ponds, groundwater or soil.
Empty containers	Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, triple-rinsed, properly bunged and promptly returned to a drum reconditioner, or properly disposed.

SECTION 14: TRANSPORT INFORMATION

DOT Not regulated. Product does not sustain combustion (49 CFR 173.120 (b)(3)).

IATA Not regulated.

IMDG Not regulated.

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

TSCA Inventory Listing

SARA 302 Status

SARA 311/312 Classification

SARA 313 Chemical

US EPA CERCLA Hazardous Substances (40 CFR 302)

Components

CAS NO

Distillates, petroleum, hydrotreated light 64742-47-8

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

Should this product meet EPCRA 311/312 Tier reporting criteria of 40 CFR 370, refer to Section 2 of this SDS for appropriate classification and Section 3 for components that meet the hazardous classification.

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.

None

State Regulations

California Prop.65 None

SECTION 16: OTHER INFORMATION

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