

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

COMPANY NAME:	AMERICAN INDUSTRIES, INC.	PRODUCT NAME:	Ai-25
ADDRESS LINE 1:	4300 Kahn Drive, Box 1405	PRODUCT CODE:	2261
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:	2261.09
EMERGENCY PHONE:	CHEMTREC 1-800-424-9300	SDS DATE:	2023-09-28
		REPLACES version dated: 2015-01-02 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

General	Call a physician immediately.
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 poison center/doctor/physician if you feel unwell.
Skin contact	Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Do not induce vomiting without medical advice. Call a physician immediately. 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	Combustible liquid.
Suitable/extinguishing media	Water spray, dry powder, foam, 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

Emergency procedures	Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.
Protective equipment	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Environmental precautions	Avoid release to the environment
Methods for 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. Dispose of materials or solid residues at an authorized site.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.
Hygiene measures	Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
Storage conditions	Store in a well-ventilated place. Keep cool. Store locked up. Keep container tightly closed.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	Ensure good ventilation of the work station.
Environmental Controls:	Avoid release to the environment.
Distillates, petroleum, hydrotreated light (CAS# 64742-47-8)	
OSHA PEL (TWA) (ppm): 10 ppm	
Personal Protective Equipment:	
Eye/face Protection	Wear safety glasses
Skin Protection	Wear suitable protective clothing, gloves and eye/face protection.
Respiratory Protection	If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate.

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	213- 232 °C, 416-449 °F; ASTM D-86
Melting point/range	< -70 °C, < -94 °F; ASTM D-86
Auto-ignition temperature	231 °C; 448 °F
Explosion limits	Upper: 7.0% Lower: 0.6%
Decomposition temperature	No data available
Flammability (solid, gas)	Not applicable
Vapor pressure	0.05 mm Hg
Vapor density	5.9
Density	0.810 g/cm ³ @ 15.5 °C, 60 °F; ASTM D-287;
Water solubility	Negligible
Viscosity	2.4 cSt @ 20 °C, 68 °F; ASTM D-445;
pH	Not available
Evaporation rate	No data available
Log Pow	No data available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Non-reactive under normal conditions of use, storage and transport.
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.

Possibility of hazardous reactions	No dangerous reactions known under normal conditions of use.
Hazardous decomposition products	Hazardous gases and vapors produced in fire are oxides of carbon.
Incompatible materials	Oxidizing agents.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity	Not classified			
Distillates, petroleum, hydrotreated light (CAS# 64742-47-8)	LD50 oral rat: >5000 mg/kg	LD50 dermal rat: 2000-4000	Ld dermal rabbit: 2000-4000 mg/kg	ATE US (dermal): 2000 mg/kg body weight
Skin corrosion/irritation	Not classified			
Serious eye damage/irritation	Not classified			
Respiratory toxicity	Not classified			
Germ cell mutagenicity	Not classified			
Carcinogenicity	Not classified			
Reproductive toxicity	Not classified			
Specific target organ toxicity - single exposure	Not classified			
Specific target organ toxicity - repeated exposure	Not classified			
Aspiration toxicity	May be fatal if swallowed and enters entryways.			
Symptom/effects	May cause drowsiness or dizziness.			
After skin contact	Irritation			
After ingestion	Risk of lung edema			
After eye contact	Mild eye irritation.			

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.
Water ecology	Mild water pollutant (surface water).
Toxicity to aquatic invertebrates	No data available
Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in soil	No data available
Other adverse effects	No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/package disposal recommendations	Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals.
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

OSHA Hazards

Combustible liquid.

TSCA Inventory Listing

Components

CAS NO

Distillates, petroleum, hydrotreated light

64742-47-8

SARA 302 Status

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

SARA 311/312 Classification

Immediate (acute) health hazard; "Fire 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.

US EPA CERCLA Hazardous Substances (40 CFR 302)

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