

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

COMPANY NAME:	AMERICAN INDUSTRIES, INC.	PRODUCT NAME:	DEFENDER-PM
ADDRESS LINE 1:	4300 Kahn Drive, Box 1405	PRODUCT CODE:	1706
ADDRESS LINE 2:	Lumberton, NC 28359-1405 USA	PRODUCT USE:	Penetrating Lubricant
TELEPHONE NUMBERS:	800-753-5153 (or) 910-738-7224	SDS FILE ID:	1706.01
EMERGENCY PHONE:	CHEMTREC 1-800-424-9300	SDS DATE:	2024-12-06

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification Flammable Aerosol: Category 1
Gases Under Pressure: Liquefied Gas
Aspiration Hazard: Category 1

Label elements



Hazard statements DANGER: Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways.

Precautionary statements: This product contains the following percentage of chemicals of unknown toxicity: 0%
Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Wash hands thoroughly after handling. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Dispose of contents and container in accordance with local, state, and national regulations.

Hazards not otherwise classified: N/A

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
Distillates (petroleum), hydrotreated light	64742-47-8	30-45
Mineral Seal Oil	64741-44-2	30-45
Propane	74-98-6	1-10
Ethyl Acetate	141-78-6	1-5
Mineral Spirits	8052-41-3	<1

SECTION 4: FIRST AID MEASURES

Eyes	Immediately flush with water for 15 minutes while holding eyelids open. Seek medical attention if irritation persists.
Ingestion	If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting.
Inhalation	Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek immediate medical attention.
Skin contact	Immediately wash with water and soap for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.
Acute health hazards	Aspiration into the lungs may cause chemical pneumonitis or pulmonary edema. High vapor concentration can cause eye and respiratory irritation, headache and dizziness. Prolonged or repeated skin contact may defat the skin and cause skin irritation.
Chronic health hazards	None known.
Note to physician	If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	Dry chemical, foam, or Carbon Dioxide (CO ₂).
Unsuitable extinguishing media	Water spray/stream.

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.
Unusual fire and explosion hazards	FLAMMABLE. Contents under pressure. Exposure to temperatures above 120°F may cause bursting.
Hazardous combustion products	Oxides of carbon.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal protective equipment	Refer to Section 8 for information on personal protection equipment.
Spill	Absorb spill with non-combustible material such as vermiculite, sand or earth.
Waste disposal	Dispose of in accordance with federal, state and local regulations.
RCRA status	Waste should be fully characterized prior to disposal (40 CFR 261).

SECTION 7: HANDLING AND STORAGE

Handling and storage	Store in a cool, dry area away from extremes of temperature and ignition sources. Keep container tightly sealed with not in use. Store locked up.
Other precautions	Keep out of the reach of children.
Incompatibility	Strong alkalis, oxidizers, bases, reactive metals, and natural rubber. Strong reducing agents

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Distillates (petroleum), hydrotreated light Mineral Seal Oil	Not Established	200 mg/m ³
Propane	5 mg/m ³	200 mg/m ³
Ethyl Acetate	1000 ppm	1000 ppm
Mineral Spirits	400 ppm	400 ppm
Engineering controls/ventilation	500 ppm	100 ppm
Respiratory protection	General ventilation adequate.	
Personal protective equipment	Wear NIOSH/MSHA approved vapor respiratory protection if exposure limits are exceeded.	
Additional Measures	Safety glasses/goggles and chemical resistant gloves.	
	Wash hands thoroughly after handling.	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Brown to amber spray
Odor	Petroleum solvent odor
Odor Threshold	N/D
pH	N/A
Melting Point/Freezing Point	N/D
Initial Boiling Point & Boiling Range	>180°F (82°C)
Flash point	>110°F (43°C)
Evaporation Rate	Slow
Flammability (solid/gas)	Extremely flammable aerosol
Upper/Lower Flammability or Explosive Limits	Lower/Upper Flammability: N/D Upper/Lower Explosive (%): N/D
Vapor Pressure (mm Hg)	N/D
Vapor Density (AIR=1)	> 1
Relative Density (H ₂ O=1)	N/D
Solubility(ies)	0%
Partition Coefficient: n-OCTANOL/WATER (KOW)	N/D
Auto-igniting	N/D
Decomposition temperature	N/D
Viscosity	N/D

SECTION 10: STABILITY AND REACTIVITY

Reactivity	None known
Chemical stability	Stable
Possible Hazardous Reactions	None Known
Conditions to avoid	Sources of ignition.
Hazardous decomposition products	Oxides of carbon.
Incompatible materials	Strong alkalis, oxidizers, bases, reactive metals, and natural rubber. Strong reducing agents.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological effects	Distillates (petroleum), hydrotreated light (64742-47-8): LD50 (Oral, Rat) > 5000 mg/kg; LD50 (Dermal, Rabbit) > 2000 mg/kg. Ethyl Acetate (141-78-6): LD50 (Oral, Rat) 5620 mg/kg; LD50 (Dermal, Rabbit) > 18000 mg/kg; LC50 (Mouse, 2hrs) 45000 mg/m3.
Routes of entry:	Eyes, Ingestion, Inhalation, Skin
Ingestion	May cause gastrointestinal irritation, nausea, diarrhea, vomiting, and abdominal cramps.
Inhalation	May cause respiratory tract irritation, dizziness, headaches, drowsiness, unconsciousness.
Skin contact	May cause irritation, localized defatting, dermatitis with prolonged or repeated contact.
Eye contact	May cause irritation, redness.
Medical condition aggravated	May aggravate pre-existing medical conditions.
Acute health hazards	Aspiration into the lungs may cause chemical pneumonitis or pulmonary edema. High vapor concentration can cause eye and respiratory irritation, headache and dizziness. Prolonged or repeated skin contact may defat the skin and cause skin irritation.
Chronic health hazards	None known.
Carcinogenicity	OSHA: No* ACGIH: No* NTP: No* IARD: No* Other: California Prop 65. *No ingredient in this product present at levels greater than or equal to 0.1%

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	Not established.
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 ecological hazards	None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal	Dispose of in accordance with federal, state, and local regulations.
RCRA status	Waste should be fully characterized prior to disposal (40 CFR 261).

SECTION 14: TRANSPORT INFORMATION**DOT**

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: 1950
PACKING GROUP: N/A

AIR

PROPER SHIPPING NAME: Aerosols, Flammable
HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: 1950
PACKING GROUP: N/A

SECTION 15: REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Ethyl acetate (141-78-6) Reportable Quantity = 500 LBS.

SARA 311/312 HAZARD CATEGORIES: Fire Hazard

SARA 313 REPORTABLE INGREDIENTS: Nonylphenoxypolyethoxyethanol (68412-54-4)

STATE REGULATIONS: California Proposition 65: WARNING: This product can expose you to chemicals including Naphthalene, which is known to the State of California to cause cancer, and Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov. Naphthalene (91-20-3): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: MA, NJ, PA, RI. Distillates (petroleum), hydrotreated light (64742-47-8): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: NJ, PA, RI. Mineral Spirits (8052-41-3): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: PA, RI, NJ.

INTERNATIONAL REGULATIONS: None known

VOLATILE ORGANIC COMPOUNDS (VOC): 12%

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