SAFETY DATA SHEET

AMERICAN INDUSTRIES, INC.
WWW.AMERICANINDUSTRIES.COM

SECTION 1: IDENTIFICATION

COMPANY NAME:	AMERICAN INDUSTRIES, INC.	**PRODUCT NAME:**	**PROBE III**
ADDRESS LINE 1:	4300 Kahn Drive, Box 1405	**PRODUCT CODE:**	1626
ADDRESS LINE 2:	Lumberton, NC 28359-1405 USA	**PRODUCT USE:**	Penetrant-Lubricant
TELEPHONE NUMBERS:	800-753-5153 (or) 910-738-7224		Moisture Displacer-Protectant
EMERGENCY PHONE:	**CHEMTREC 1-800-424-9300**	**SDS FILE ID:**	1626.10
		SDS DATE:	2019-01-10
		REPLACES VERSION DATED:	2015-06-01 *and all prior versions*

SECTION 2: HAZARDS IDENTIFICATION

Classification: Health, Aspiration Hazard — Category 1

Label elements:

Signal Word: Danger

Hazard statements: May be fatal if swallowed and enters airways

Precautionary statements: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Store locked up. Dispose of contents/container to an approved waste disposal plant.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS number	%
Distillates(petroleum), hydrotreated mid	64742-46-7	93
Dipropylene Glycol Methyl Ether	34590-94-8	4
Cyclotetrasiloxane, Octamethyl-	556-67-2	3

All chemicals in this product are reported in the EPA TSCA Inventory.

SECTION 4: FIRST AID MEASURES

Eye Contact	Flush with large amounts of water for 15 minutes, lifting eyelids occasionally to facilitate irrigation. Contact a physician if redness persists.
Skin Contact	Flush skin with water until all chemical is removed.
Inhalation	If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
Ingestion	Give 1-2 glasses of water. Do not induce vomiting. Get medical advice. Do not give anything by mouth to an unconscious or convulsing person.
Effects and Symptoms	
Skin Contact	May cause irritation.
Inhalation	Non-hazardous under normal use conditions.
Eye Contact	May cause eye irritation.
Ingestion	May be harmful if swallowed.

SECTION 5: FIRE-FIGHTING MEASURES

Flash point	>264°F (>129°C)
Flash point method	Closed cup
Suitable extinguishing media	Use water spray, foam, dry chemical or carbon dioxide.
Unsuitable Extinguishing Media	Not applicable
Hazardous Combustion Products	Not applicable
Special Exposure Hazards	None
Special firefighting procedures	Full protective clothing and approved self-contained breathing apparatus required for fire-fighting personnel.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions	Use appropriate protective equipment.
Environmental Precautionary Measures	Not determined.
Methods for Containment and Clean-up	Soak up residue with an absorbent such as clay or sand. Place in a nonleaking container for proper disposal according to Federal, State, and Local regulations. Do not discharge into waterways or sewage systems.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Use in a well-ventilated area. Do not breathe vapors. Do not get on skin, eyes, or clothing.
Storage Requirements	Keep from freezing. Store between 50^{o}-80^{o}F (10^{o}-27^{o}C)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls	Use in a well-ventilated area.
Personal Protective Equipment	Safety glasses, gloves, apron.

Dipropylene glycol methyl ether	34590-94-8	[4%]
Components with workplace control parameters		
TWA	100 ppm	USA ACGIH Threshold Limit Values (TLV)
Eye & Upper Respiratory Tract Irritation Central Nervous System Impairment Danger of cutaneous absorption		
STEL	150 ppm	USA ACGIH Threshold Limit Values (TLV)
Eye & Upper Respiratory Tract Irritation Central Nervous System Impairment Danger of cutaneous absorption		
TWA	100 ppm 600 mg/m3	USA Occupational exposure limits (OSHA)-Table Z-1 Limits for air contaminants
Skin designation The value in mg/m3 is approximate.		
TWA	100 ppm 600 mg/m3	USA OSHA-Table Z-1 limits for air contaminants-1910.1000
Skin notation		
STEL	150 ppm 900 ng/m3	USA OSHA-Table Z-1 limits for air contaminants-1910.1000
Skin notation		
TWA	100 ppm 600 mg/m3	USA NIOSH Recommended Exposure Limits
Potential for dermal absorption		
ST	150 ppm 900 mg/m3	USA NIOSH Recommended Exposure Limits
Potential for dermal absorption		
Cyclotetrasiloxane, octamethyl-	556-67-2	[3%]

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, liquid
Odor	Mild petroleum
pH	N/A
Melting point/Freezing point	N/A
Flash point	>264^{o}F (>129^{o}C)
Specific gravity	0.83
Solubility	Negligible
Auto-ignition temperature	N/A
Decomposition temperature	N/A
Volatile Organic Compound	100%

Odor threshold	N/A
Boiling point/Boiling range	492°F-563°F
Evaporation Rate	Slower than water
Flammability	N/A
Partition Coefficient	N/A
Vapor pressure	N/A
Vapor density (air=1)	N/A
Viscosity	N/A

SECTION 10: STABILITY AND REACTIVITY

Stability	Stable
Conditions to avoid	Extreme heat and ignition sources.
Incompatibility	None known.
Hazardous decomposition or by-products	Carbon dioxide, Carbon monoxide, various hydrocarbons.
Hazardous polymerization	Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Dipropylene glycol methyl ether	34590-94-8	[4%]

Information on toxicological effects

Acute toxicity Oral LD50	LD50 Oral – rat – 5,152 mg/kg	
Inhalation LC50	No data available	
Dermal LD50	Other information on acute toxicity	
Skin corrosion/irritation	Serious eye damage/eye irritation	
Eyes	Rabbit	Mild eye irritation – 24 h
Respiratory or skin sensitization	No data available	
Germ cell mutagenicity	No data available	

Carcinogenicity

IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive toxicity	No data available.
Teratogenicity	No data available.
Specific target organ toxicity	Single Exposure-No data available Repeated Exposure-No data available
Aspiration hazard	No data available
Potential health effects	Inhalation-May be harmful if inhaled. May cause respiratory tract irritation. Ingestion-May be harmful if swallowed. Skin -May be harmful if absorbed through skin. May cause skin irritation. Eyes-May cause eye irritation.
Signs and symptoms of exposure	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Synergistic effects	No data available
Additional information	RTECS: JM1575000

Cyclotetrasiloxane, octamethyl-	556-67-2	[3%]

Information on toxicological effects

Acute toxicity	LD50 Oral – rat – >2,000 mg/kg LC50 Inhalation - rat - 4 h - 36,000 mg/m3 Remarks: Behavioral: Excitement. Lungs, Thorax, or Respiration: Dyspnea. Skin and Appendages: Other: Hair. LD50 Dermal - rabbit - > 4,640 mg/kg no data available
Skin corrosion/irritation	Skin - rabbit Result: No skin irritation - 24 h (OECD Test Guideline 404)
Serious Eye damage/irritation	Rabbit — No eye irritation – 24 h (OECD Test Guideline 405)
Respiratory or skin sensitization	Maximisation Test -guinea pig
Result	Does not cause skin sensitization. (OECD Test Guideline 406)
Germ cell mutagenicity	S. typhimurim Result: negative
Mutagenicity (micronucleus test)	Rat – male and female
Carcinogenicity	
IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive toxicity	Suspected human reproductive toxicant.
Reproductive toxicity	Rat-Inhalation Effects on Newborn: Live birth index (# fetuses per litter; measured after birth). Overexposure may cause reproductive disorder(s) based on tests with laboratory animals. no data available
Specific target organ toxicity	Single Exposure-No data available — Repeated Exposure-No data available
Aspiration hazard	No data available
Additional information	Repeated dose toxicity – rabbit – male and female - Dermal RTECS: GZ4397000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: ECOLOGICAL INFORMATION

Dipropylene glycol methyl ether	34590-94-8	[4%]

Information on ecological effects

Toxicity to fish LC50	Pimephales promelas (fathead minnow)	>10,000 mg/l-96 h
Toxicity to daphnia EC50 and other aquatic invertebrates	Daphnia magna (Water flea)	1,919 mg/l-48 h
Persistence and degradability	Biodegradability	
Bio-accumulative potential	No data available	
Mobility in soil	No data available	
Results of PBT and vPvB assessment	No data available	
Other adverse effects	No data available	

Cyclotetrasiloxane, octamethyl	556-67-2	[3%]

Information on ecological effects

Toxicity to fish LC50	Leuciscus idus (Golden orfe) 200.0 mg/l-96 h
Toxicity to daphnia and EC50	Daphnia magna (Water flea) >0.015 mg/l-48 h
Toxicity to algae EC50	Selenastrum capricornutum (green algae) - >0.022 mg/l – 96h
Persistence and degradability	No data available
Bio-accumulative potential	Bioaccumulation Pimephales promelas (fathead minnow) – 0.160 ug/l
Bioconcentration factor (BCF)	12,400
Pimephales promelas (fathead minnow)	28 d
Bioconcentration factor (BCF)	14,261
Mobility in soil	No data available
Results of PBT and vPvB assessment	Not available as chemical safety assessment not required/not conducted
Other adverse effects	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

SECTION 13: DISPOSAL CONSIDERATIONS

Empty containers	If empty container retains product residue, all label precautions must be observed.
Waste disposal	Transport with all closures in place. Return for reuse or dispose of according to national, local, and state regulations.

SECTION 14: TRANSPORT INFORMATION

DOT Not regulated

Proper shipping name:	Not regulated
Hazard class and label	0
Identification number	N/A
Packaging group	N/A

SECTION 15: REGULATORY INFORMATION

COMPONENT	CAS#	%	CODES
Distillates, petroleum, hydrotreated middle	64742-46-7	93	TSCA
Dipropylene glycol methyl ether	34590-94-8	4	MASS, OSHWAC, PA, TSCA, TXAIR
Cyclotetrasiloxane, octamethyl-	556-67-2	3	GADSL, TSCA

Regulatory Code Descriptions

TSCA	Toxic Substances Control Act
MASS	Ma Massachusetts Hazardous Substances List
OSHAWAC	OSHA Workplace Air Contaminants
PA	PA Right-To-Know List of Hazardous Substances
TXAIR	TX Air Contaminants with Health Effects Screening Level
GADSL	Global Automotive Declarable Substance List (GADSL)

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