

# SAFETY DATA SHEET



**AMERICAN INDUSTRIES, INC.**

[WWW.AMERICANINDUSTRIES.COM](http://WWW.AMERICANINDUSTRIES.COM)

## 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:** PROBE III-22 OZ  
**PRODUCT CODE:** 1629  
**PRODUCT USE:** Penetrant-Lubricant  
Moisture Displacer-Protectant  
**SDS FILE ID:** 1629.10  
**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

| <u>Chemical name</u>                     | <u>CAS number</u> | <u>%</u> |
|--|-------------------|----------|
| 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°-80°F (10°-27°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<br>600 mg/m3   | USA Occupational exposure limits (OSHA)-Table Z-1<br>Limits for air contaminants |
| Skin designation                             | The value in mg/m3 is approximate.                               |  |
| TWA  | 100 ppm<br>600 mg/m3   | USA OSHA-Table Z-1 limits for air contaminants-<br>1910.1000                     |
| Skin notation                                |  |  |
| STEL   | 150 ppm<br>900 ng/m3   | USA OSHA-Table Z-1 limits for air contaminants-<br>1910.1000                     |
| Skin notation                                |  |  |
| TWA  | 100 ppm<br>600 mg/m3   | USA NIOSH Recommended Exposure Limits  |
| Potential for dermal absorption              |  |  |
| ST   | 150 ppm<br>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°F (>129°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<br>LC50 Inhalation - rat - 4 h - 36,000 mg/m <sup>3</sup> Remarks: Behavioral: Excitement. Lungs, Thorax, or Respiration: Dyspnea. Skin and Appendages: Other: Hair.<br>LD50 Dermal - rabbit - > 4,640 mg/kg<br>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<br>Effects on Newborn: Live birth index (# fetuses per litter; measured after birth).<br>Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.<br>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<br>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\*\*\*