

# SAFETY DATA SHEET



## SECTION 1: IDENTIFICATION

<b>COMPANY NAME:</b>	AMERICAN INDUSTRIES, INC.	<b>PRODUCT NAME:</b>	<b>PURLUBE (A)</b>
<b>ADDRESS LINE 1:</b>	4300 Kahn Drive, Box 1405	<b>PRODUCT CODE:</b>	1686
<b>ADDRESS LINE 2:</b>	Lumberton, NC 28359-1405 USA	<b>PRODUCT USE:</b>	Premium White Grease
<b>TELEPHONE NUMBERS:</b>	800-753-5153 (or) 910-738-7224	<b>SDS FILE ID:</b>	1686.02
<b>EMERGENCY PHONE:</b>	<b>CHEMTREC 1-800-424-9300</b>	<b>SDS DATE:</b>	2015-05-07
		<b>REPLACES VERSION DATED:</b>	2014-07-23 <i>and all prior versions</i>

## SECTION 2: HAZARDS IDENTIFICATION

Classification: Flammable Aerosol: Category 1 Liquefied Gas  
Skin Irritant: Category 2  
Eye Irritant: Category 2b  
Reproductive Toxicity: Category 3  
Specific Target Organ Toxicity (Single Exposure): Category 3  
Specific Target Organ Toxicity (Repeated Exposure): Category 2  
Aspiration Hazard: Category 1

Label elements



Signal word

Danger

Hazard statement:

Extremely flammable Aerosol. Contains gas under pressure; May explode if heated. Causes skin and eye irritation. Suspected of damaging fertility or the unborn child. May cause drowsiness and dizziness. May cause damage to Central nervous system through prolonged or repeated exposure. May be fatal if swallowed and enters airways..  
This product contains the following percentage of chemicals of unknown toxicity: 0%

Precautionary statement

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 122°F (50°C). Store in a well-ventilated place. Wash hands thoroughly after handling. Wear protective gloves and eye protection. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. If exposed or concerned: Get medical advice or attention. Do not breathe fumes, mist, vapors, and spray. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations.

Hazard(s) not otherwise classified (HNOC)

N/A

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
Propane/n-Butane	68476-86-8	30-60
Hexane	110-54-3	15-40
Mioneral Oil	8042-47-5	15-40

#### SECTION 4: FIRST AID MEASURES

Inhalation	Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.
Skin contact	Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.
Eye contact	If in eyes: 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 or attention.
Ingestion	If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.
Acute health hazards	Eyes: redness, tearing, blurred vision. Skin: defatting and dermatitis. Inhalation: anesthetic, irritation, central nervous system depression. Oral: abdominal irritation, nausea, vomiting, diarrhea, aspiration risk.
Chronic health hazards	Excessive exposure may result in peripheral neuropathies due to n-hexane. Symptoms would be sensory numbness and possible motor weakness in extremities.
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 <sub>2</sub> ).
Unsuitable extinguishing media	Water spray/stream.
Special firefighting procedures	Wear full protective clothing and NIOSH approved SCBA with full facepiece operated in positive pressure or pressure demand. Use water mist to keep material cool in fire situations.
Unusual fire and explosion hazards	Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.
Hazardous combustion products	Oxides of carbon, various hydrocarbons.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal protective equipment	Refer to section VIII for proper Personal Protective Equipment.
Spill	Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains. Dispose of in accordance with local, state and federal regulations.
Waste disposal	Dispose of in accordance with federal, state, and local regulations.
RCRA Status	Waste likely considered hazardous, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

#### SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use. Store locked up.
Other precautions	Keep out of the reach of children.
Incompatibility	Strong acids, strong oxidizing agents (chlorine and other halogens, chromates, perchlorates and oxygen.)

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Hazardous Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Propane/n-Butane	1000 ppm	1000 ppm

Hexane	500 ppm	500 ppm
Mineral Oil	5mg/m3	5mg/m3
Engineering controls/Ventilation	Material is heavier than air. Material may concentrate in low lying areas. Normal, forced ventilation required to meet TLV requirements. Local exhaust ventilation is generally preferred.	
Respiratory protection	If exposure levels are exceeded then organic vapor cartridge respirator or SCBA will be needed.	
Personal protective equipment	Safety glasses and chemical resistant gloves.	
Additional Measures	Wash hands thoroughly after handling.	

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Opaque white spray.	
Odor	Petroleum odor.	
Odor threshold	N/D	
Boiling point	N/D	
Freezing Point	N/D	
Flammability	Extremely Flammable Aerosol	
Flash point	N/D	
Auto-ignition temperature	N/D	
Upper/lower flammability limits	Lower: N/D	Upper: N/D
Vapor Pressure (mmHg)	N/D	
Vapor density (Air = 1)	>2	
Evaporation Rate	N/D	
Specific Gravity (H2O=1)	0.850	
pH	N/A	
Solids (%)	N/D	
Solubility in Water	0%	
Partition Coefficient:n-Octanol/water (K <sub>ow</sub> )	N/D	
Volatility including water (%)	71%	
VOC	71%	
Dielectric Strength (Volts)	N/D	
Decomposition Temperature	N/D	
Viscosity	N/D	

### SECTION 10: STABILITY AND REACTIVITY

Reactivity	None known.
Chemical stability	Stable.
Conditions to avoid	Temperatures greater than 122°F (50°C) and sources of ignition.
Incompatibility	Strong acids, strong oxidizing agents (chlorine and other halogens, chromates, perchlorates and oxygen.)
Hazardous decomposition products	Oxides of carbon and other decomposition products.
Possible hazardous reactions	None known.

## SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological information	<b>Hexane</b> (110-54-3) LD <sub>50</sub> (Oral, Rat) > 5000 mg/kg; LD <sub>50</sub> (Dermal, Rabbit) > 2000 mg/kg; LC <sub>50</sub> (Inhalation, Rat, 4hrs) > 3367 ppm
Routes of Entry	Eyes, Ingestion, Inhalation, Skin.
Ingestion	No toxicity expected with normal use.
Inhalation	No hazards under normal use. May cause dizziness.
Skin contact	Irritation likely, redness and pain. May cause localized defatting, blistering with prolonged skin contact. May be absorbed through the skin.
Eye contact	May cause burning, irritation, redness, tearing.
Medical condition aggravated	Excessive exposure will aggravate pre-existing disorders of eyes, skin, respiratory, liver, kidney, cardiovascular system, pulmonary illnesses, or central nervous system.
Acute health hazards	Eyes: redness, tearing, blurred vision. Skin: defatting and dermatitis. Inhalation: anesthetic, irritation, Central Nervous System depression. Oral: abdominal irritation, nausea, vomiting, diarrhea, aspiration risk.
Chronic health hazards	Excessive exposure may result in peripheral neuropathies due to n-hexane. Symptoms would be sensory numbness and possible motor weakness in extremities.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

## SECTION 12: ECOLOGICAL INFORMATION

Ecological information	Not established.
Biodegradability	This product is biodegradable.
Bioaccumulation	This product is not expected to bioaccumulate.
Mobility in soil	This product is mobile in soil.
Other ecological hazards	This material is toxic to aquatic life.

## SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal	Dispose of in accordance with federal, state, and local regulations.
RCRA Status	Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

## SECTION 14: TRANSPORT INFORMATION

DOT	
UN number	Aerosols, Ltd. Qty
UN proper shipping name	1950
Transport hazard class(es)	2.1
Packing group	N/A

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

## SECTION 15: REGULATORY INFORMATION

TSCA Status: All chemicals are listed or exempt.

CERCLA (Comprehensive response compensation, and liability act): None.

SARA 311/312 Hazardous categories: Fire hazard.

SARA 313 reportable ingredients: n-Hexane CAS # 110-54-3.

US state regulations: California Proposition 65: None act.

International inventories: All components of this product are on the Canadian DSL list..

## SECTION 16: OTHER INFORMATION

Hazardous Materials Identification System (HMIS)

HMIS-RATING:	
HEALTH	1
FLAMMABILITY	3
PHYSICAL HAZARD	0

**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\*\*\*