

SAFETY DATA SHEET



SECTION 1: IDENTIFICATION

COMPANY NAME:	AMERICAN INDUSTRIES, INC.	PRODUCT NAME:	HYTEMP-MC (Aerosol)
ADDRESS LINE 1:	4300 Kahn Drive, Box 1405	PRODUCT CODE:	1704
ADDRESS LINE 2:	Lumberton, NC 28359-1405 USA	PRODUCT USE:	High Temp Anti-Seize Lubricant
TELEPHONE NUMBERS:	800-753-5153 (or) 910-738-7224	SDS FILE ID:	1704.01
EMERGENCY PHONE:	CHEMTREC 1-800-424-9300	SDS DATE:	2024-04-16

SECTION 2: HAZARDS IDENTIFICATION

Classifications

Flammable Aerosol	Category 1
Gases under pressure	Liquefied Gas
Skin Irritant	Category 2
Eye Irritant	Category 2A
Reproductive Toxicity	Category 2
Specific Target Organ Toxicity, single exposure	Category 3
Specific Target Organ Toxicity, repeated exposure	Category 2

Label elements



Signal word

DANGER

Hazard statements

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin and serious eye irritation. Suspected of damaging fertility or the unborn child. May cause respiratory irritation, drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure.

Precautionary Statement

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. 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, vapor 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. 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>
Acetone	67-64-1	30-60
Propane/n-Butane	68476-86-8	15-40
Isopropyl alcohol	67-63-0	5-15
Toluene	108-88-3	3-7

SECTION 4: FIRST AID MEASURES

Inhalation	If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.
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	Do not induce vomiting unless directed by medical authority. Immediately rinse mouth with water. Drink large quantities (1 qt, 2-4 glasses) of water. Seek immediate medical attention.
Acute health hazards	Causes eye irritation including redness, tearing, and blurred vision. Contact with skin may cause defatting and dermatitis.
Chronic health hazards	May cause damage to the following organs: kidneys, liver, respiratory, reproductive and central nervous systems.
Note to physician	There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	Dry chemical, carbon dioxide, and alcohol foam.
Unsuitable extinguishing media	Water spray/stream.
Specific Firefighting 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. Use water spray only to cool exposed containers.
Unusual Fire and Explosion hazards	Contents under pressure. Exposure to temperatures above 120°F may cause bursting. Flammable.
Hazardous combustion products	Oxides of carbon.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal protective equipment	Refer to Section 8 for proper Personal Protective Equipment.
Spill	Clean up with rag or use some non-combustible material like vermiculite, sand or earth.
Waste disposal	Dispose of contents in accordance with federal, state and local regulations. Do not reuse, puncture, or incinerate container. Wrap container and place in trash collection.
RCRA status	Waste solvent likely considered U220 (Toluene), hazardous, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling and storage	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.
Other precautions	Keep out of the reach of children.
Incompatibility	Concentrated nitric & sulfuric acid mixtures, oxidizing materials, chloroform, alkalis, chlorine compounds, acids, plastics, rubber, coatings.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Hazardous Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Acetone	1000 ppm	500 ppm

Propane/n-Butane	1000 ppm	1000 ppm
Isopropyl alcohol	400 ppm	200 ppm
Toluene	200 ppm	50 ppm
Engineering controls/Ventilation	Normal, forced ventilation required. Local exhaust ventilation is generally preferred.	
Respiratory protection	Not required with normal use. Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.	
Personal protective equipment	Safety glasses and chemical resistant gloves	
Additional Measures	Wash hands thoroughly after handling	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Black liquid
Odor	Solvent odor
Odor threshold	N/D
pH	N/D
Melting point/Freezing point	N/D
Initial boiling point and boiling range	N/D
Flash point	N/D
Evaporation rate	>1
Flammability (solid/gas)	Extremely Flammable Aerosol
Lower flammability limit	N/D
Upper flammability limit	N/D
Explosive limit lower	N/D
Explosive limit upper	N/D
Vapor pressure (mm Hg)	N/D
Vapor density (Air=1)	N/D
Relative Density (H ₂ O=1)	0.82 – 0.84 at 77°F (25°C)
Solubility	Miscible
Partition coefficient: n-Octanol/Water (K _{ow})	N/D
Autoignition temperature	N/D
Decomposition temperature	N/D
Viscosity	N/D

SECTION 10: STABILITY AND REACTIVITY

Reactivity	None known.
Chemical stability	This product is stable under normal storage conditions.
Possible hazardous reactions	None known.
Conditions to avoid	None known.
Hazardous decomposition products	Oxides of carbon.

Incompatible materials Concentrated nitric & sulfuric acid mixtures, oxidizing materials, chloroform, alkalis, chlorine compounds, acids, plastics, rubber, coatings.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological information	Acetone (67-64-1) LD50 (Oral, Rabbit) 5340 mg/kg; LD50 (Dermal, Rabbit) 20000 mg/kg Toluene (108-88-3) LD50 (Oral, Rat) 5580 mg/kg; LD50 (Dermal, Rabbit) > 5000 mg/kg; LC50 (Inhalation, Rat) > 28.1 mg/l/4h
Routes of entry	Ingestion, inhalation, skin
Eyes	Redness, irritation, causes temporary corneal opacity.
Ingestion	May cause nausea, diarrhea, vomiting, depending on the amount ingested.
Inhalation	Causes dizziness, anesthesia, possibly death if breathed directly.
Skin	Causes severe irritation, localized defatting.
Medical condition aggravated	Pre-existing conditions of the skin, liver, kidneys, CNS and respiratory system.
Acute health hazards	Causes eye irritation including redness, tearing, and blurred vision. Contact with skin may cause defatting and dermatitis.
Chronic health hazards	May cause damage to the following organs: kidneys, liver, respiratory, reproductive and central nervous systems.
Carcinogenicity	OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	Acetone (67-64-1) LC50 (Trout, 96hr) 5540 mg/L; LC50 (Bluegill, 96hr) 8300 mg/L; LC50 (Fathead Minnow, 96hr) 7500 mg/L Isopropyl Alcohol (67-63-0) LC50 (Fathead Minnow, 96 hrs) 9640 mg/L
Persistence and degradability	This product is biodegradable.
Bioaccumulative potential	This product is not expected to bioaccumulate.
Mobility in soil	This product is mobile in soil.
Other adverse effects	The material is toxic to aquatic life.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal instructions	Dispose of in accordance with federal, state, and local regulations. Do not reuse, puncture, or incinerate container. Wrap container and place in trash collection.
RCRA Status	Waste solvent likely considered U220 (Toluene), hazardous, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 14: TRANSPORT INFORMATION

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKING GROUP: N/A

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, flammable

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKING GROUP: N/A

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Aerosols

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKING GROUP: N/A

ENVIRONMENTAL HAZARDS WATER: N/A

SECTION 15: REGULATORY INFORMATION

TSCA Status: All chemicals are listed or exempt

CERCLA (Comprehensive response compensation, and liability act): Acetone (67-64-1) Reportable Quantity = 5,000 lbs Toluene (108-88-3) Reportable Quantity = 1,000 lbs

SARA 311/312 HAZARD CATEGORIES: Acute Health, Fire, Pressure.

SARA 313 REPORTABLE INGREDIENTS: Toluene (108-88-3)

CLEAN WATER ACT: None.

STATE REGULATIONS: Acetone (67-64-1) Connecticut hazardous material survey, Illinois toxic substances disclosure to employee act, Illinois chemical safety act, New York release reporting list, RTK - RI, PA, FL, MN, MA, NJ; Massachusetts spill list, New Jersey spill list, Louisiana spill reporting, California List of Hazardous Substances (8 CCR 339): Acetone TSCA 8(b) inventory: Acetone TSCA 4(a) final test rules: Acetone TSCA 8(a) IUR: Acetone Prop 65: This product can expose you to chemicals including Ethylbenzene(100-41-4) which is known to the State of California to cause cancer, birth defects, and other reproductive harm. For more information go to www.P65Warnings.ca.gov.

INTERNATIONAL REGULATIONS: Acetone (67-64-1) Australia, Japan, Korea, United Kingdom, Canada, WHMIS (Canada): CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). CLASS D-2B: Material causing other toxic effects (TOXIC). p. 6; DSCL (EEC): R11- Highly flammable. R36- Irritating to eyes. S9- Keep container in a well-ventilated place. S16- Keep away from ignition sources. S26- In case of eye contact, rinse immediately with plenty of water and seek medical advice.

VOLATILE ORGANIC COMPOUNDS (VOC): 43%

NFPA Health:	2	HMIS Health	2
NFPA Flammability	3	HMIS Flammability	3
NFPA Reactivity	0	HMIS Reactivity	0
NFPA Other	None	HMIS Protection	B

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