

SAFETY DATA SHEET



SECTION 1: IDENTIFICATION

COMPANY NAME:	AMERICAN INDUSTRIES, INC.	PRODUCT NAME:	SUBTEMP
ADDRESS LINE 1:	4300 Kahn Drive, Box 1405	PRODUCT CODE:	2529
ADDRESS LINE 2:	Lumberton, NC 28359-1405 USA	PRODUCT USE:	Ready to Use Cleaner & Deicer
TELEPHONE NUMBERS:	800-753-5153 (or) 910-738-7224	SDS FILE ID:	2529.01
EMERGENCY PHONE:	CHEMTREC 1-800-424-9300	SDS DATE:	2022-05-17

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification

Skin Irritant Category 2

Eye Irritant Category 2A

Label elements



Signal word Warning

Hazard statements Causes skin and serious eye irritation. This product contains the following percentage of chemicals of unknown toxicity: N/A

Precautionary statements 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 advice or attention. Take off contaminated clothing and wash it 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 advice or attention. 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>
Ethylene Glycol	107-21-1	35-45
Isopropyl alcohol	67-63-0	1-3
Alcohols, C6-12, ethoxylated propoxylated	68937-66-6	1-3

SECTION 4: FIRST AID MEASURES

Eyes	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.
Inhalation	Move to fresh air. If breathing is difficult, administer oxygen. Seek medical attention if irritation persists.
Skin contact	Wash thoroughly with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation persists.
Ingestion	Do not induce vomiting unless directed by medical authority. Immediately rinse mouth with water. Seek medical attention if irritation develops.
Acute health hazards	Eyes: irritation including redness, tearing, pain. Skin: irritation including redness, burning and drying/cracking Inhalation: mist or vapor inhalation may cause respiratory irritation Ingestion: may cause gastrointestinal irritation, nausea, vomiting & diarrhea
Chronic health hazards	May produce CNS depression and kidney damage which may be fatal.
Note to Physician	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, foam, carbon dioxide, water spray for cooling.
Unsuitable extinguishing media	N/A
Unusual Fire and Explosion Hazards	Non-combustible. Water spray may be used to keep fire exposed containers cool.
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.
Hazardous Combustion Products	Oxides of Carbon

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Protective Equipment	Refer to section VIII for proper Personal Protective Equipment
Spill	Eliminate all sources of ignition. Absorb with non-combustible material like vermiculite, sand or earth. Place waste in proper containers for waste disposal.
Waste Disposal	Dispose of in accordance with federal, state, and local regulations. Do not reuse container, recycle or place in trash collection. Drums and pails should be offered for recycling.
RCRA Status	Product should be fully characterized prior to disposal (40 CFR 261)

SECTION 7: HANDLING AND STORAGE

Handling and Storage	Wear proper personal protective equipment when using this product. Store in a cool, dry area. Keep container tightly sealed when not in use. Do not use or store with strong oxidizers.
Other Precautions	Keep out of reach of children. Read and follow the directions on the product label. They are best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.
Incompatibility	Strong oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>HAZARDOUS INGREDIENT</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Ethylene Glycol	Not Established	25 ppm
Isopropyl alcohol	400 ppm	200 ppm
Alcohols, C6-12, ethoxylated propoxylated	Not Established	Not Established
Engineering controls/ventilation	General ventilation should be used. Provide sufficient mechanical ventilation (general and/or local exhaust) to maintain exposure below the recommended exposure limits.	
Respiratory protection	Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.	
Personal Protective Equipment	Safety glasses and chemical resistant gloves.	
Other Precautions	Wash hands and clothing in contact with product after use.	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, colorless liquid
Odor Description	Bland odor
Odor Threshold	N/D
Boiling Point	N/D
Freezing Point	N/D
Flammability	Not considered a flammable liquid by OSHA (29CFR 1910.1200)
Flashpoint	> 200 °F (93.3 °C)
Autoignition Temp	N/D
Lower Flammability Limit	N/D
Upper Flammability Limit	N/D

Vapor Pressure (mm Hg)	N/D
Vapor Density (AIR=1)	N/D
Evaporation Rate	N/D
Specific Gravity (H2O=1)	1.0 – 1.1 @ 77 °F (25°C)
pH	10.5-11.5
Solubility in Water	N/D
Partition Coefficient: n-OCTANOL/WATER (KOW)	N/D
Decomposition Temp	N/D
Viscosity	N/D

SECTION 10: STABILITY AND REACTIVITY

Chemical stability	Stable under normal storage and handling conditions.
Reactivity	Chemically active metals and acids.
Conditions to avoid	Elevated temperatures and excessive heat. Avoid incompatibles.
Hazardous decomposition products	Strong oxidizing agents.
Incompatible materials	None Known
Possible Hazardous Reactions	None Known

SECTION 11: TOXICOLOGICAL INFORMATION

Ethylene Glycol (107-21-1) LD₅₀ (Oral, Rat) 4700 mg/kg; LC₅₀ (Inhalation Rat, 4 hrs) 10876 mg/L **Isopropyl alcohol** (67-63-0) LD₅₀ (Oral, Rat) 5045 mg/kg; LD₅₀ (Dermal, Rabbit) 12870 mg/kg; LC₅₀ (Inhalation, Rat, 4 hrs) 78.6 mg/kg

Likely route of exposure	Eyes, Ingestion, Inhalation, Skin
Eyes	Causes irritation, burning, redness, tearing.
Ingestion	May cause gastrointestinal irritation, nausea, diarrhea, vomiting.
Inhalation	May cause irritation to the respiratory tract, dizziness, headaches, nausea, unconsciousness, central nervous system (CNS) depression.
Skin	Causes irritation, redness, itching, and pain.
Medical Condition Aggravated	Pre-existing disorders of the skin, respiratory system and eyes will be aggravated by over exposure.
Acute Health Hazards	Eyes: Redness, tearing, and pain Skin: redness, burning and drying/cracking. Inhalation: mist or vapors may cause respiratory irritation Ingestion: gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic Health Hazards	May produce CNS depression and kidney damage which may be fatal.
Carcinogenicity	OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

SECTION 12: ECOLOGICAL INFORMATION

Toxicity	Not Established
Biodegradability	This product is biodegradable
Bio-accumulative potential	This product is not expected to bioaccumulate.
Mobility in soil	This product is mobile in soil.
Other adverse effects	None known

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal instructions	Dispose of in accordance with federal, state, and local regulations. Do not reuse container and recycle or place in trash collection. Drums and pails should be offered for recycling.
RCRA Status	Not listed as hazardous waste, but product should be fully characterized prior to disposal (40 CFR 261)

SECTION 14: TRANSPORT INFORMATION

DOT Cleaning Compound, N.O.S.
IMDG Cleaning Compound, N.O.S.
IATA Cleaning Compound, N.O.S.

SECTION 15: REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Ethylene Glycol (107-21-1) Reportable Quantity = 5,000 lbs. Sodium hydroxide (1310-73-2) Reportable Quantity = 1,000 pounds.

SARA 311/312 HAZARD CATEGORIES: Skin corrosion or irritation. Serious eye damage or eye irritation.

SARA 313 REPORTABLE INGREDIENTS: Ethylene glycol (107-21-1)

STATE REGULATIONS: California Proposition 65: None Isopropyl alcohol (67-63-0): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CT, FL, IL, MN, NJ, PA, RI, TN. Sodium hydroxide (1310-73-2): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CA, PA, RI.

INTERNATIONAL REGULATIONS: Listed or exempt from listing/notification on the following chemical inventories: Domestic Substances List (DSL, Canada)

Volatile Organic Compounds (VOC): 6%

NFPA Health: 1

NFPA Flammability: 0

NFPA Reactivity: 0

NFPA Other: None

HMIS Health: 1

HMIS Flammability: 0

HMIS Reactivity: 0

HMIS Protection: B

SECTION 16: OTHER INFORMATION

N/A = Not Applicable

N/D = Not Determined

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