

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

COMPANY NAME:	AMERICAN INDUSTRIES, INC.	PRODUCT NAME:	GLEAM
ADDRESS LINE 1:	4300 Kahn Drive, Box 1405	PRODUCT CODE:	2052
ADDRESS LINE 2:	Lumberton, NC 28359-1405 USA	PRODUCT USE:	Descaler-Cleaner-Rust Remover
TELEPHONE NUMBERS:	800-753-5153 (or) 910-738-7224	SDS FILE ID:	2052.13
EMERGENCY PHONE:	CHEMTREC 1-800-424-9300	SDS DATE:	2026-06-04

REPLACES MSDS VERSION DATED: 2023-09-21 and all prior revisions

SECTION 2: HAZARDS IDENTIFICATION

GHS Ratings

Acute Toxicity – Oral	Acute Tox. 5
Skin corrosion/irritation	1B

Serious eye damage/eye irritation	1
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Specific target organ toxicity single exposure	3
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Label elements



Signal word

DANGER

GHS Hazards

H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H335	May cause respiratory irritation

GHS Precautions

P260	Do not breathe dust/fume/gas/mist/vapors/spray
P264	Wash hands thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P271	Use only outdoors or in a well-ventilated area
P280	Wear protective gloves/protective clothing/eye protection/face protection
P310	Immediately call a POISON CENTER or doctor/physician if you feel unwell after exposition of this product
P363	Wash contaminated clothing before reuse
P301+P330+P331	IF SWALLOWED: Call a POISON CENTER or doctor/physician. Rinse mouth. Do NOT induce vomiting
P405	Store locked up

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
Nonylphenol, ethoxylated	127087-87-0-9	15-30
Hydrochloric Acid	7647-01-0	0-15

SECTION 4: FIRST AID MEASURES

Inhalation	Take affected persons into fresh air and keep quiet. Supply fresh air. Call a doctor immediately.
Skin contact	Immediately wash with water and soap and rinse thoroughly. Call a doctor immediately.
Eye contact	Rinse opened eye for several minutes under running water. Call a doctor immediately.
Ingestion	Rinse out mouth and then drink plenty of water. Do not induce vomiting; call for medical help immediately. NOTE: Never give an unconscious person anything to drink.

Most important symptoms/effects, acute and delayed	Causes severe skin burns and eye damage. Gastric or intestinal disorders - Indication of any immediate medical attention and special treatment needed. Medical supervision for at least 48 hours.
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SECTION 5: FIRE-FIGHTING MEASURES

Flash Point	N/A
LEL:	UEL:
The product is not flammable.	
Extinguishing media	CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Unsuitable extinguishing media	Water with full jet.
Hazardous Decomposition	Chlorine, Hydrogen Chloride, Hydrogen gas
Special protective equipment and precautions for firefighters	Wear self-contained respiratory protective device. Wear fully protective suit.
Fire fighting equipment/instructions	Cool endangered receptacles with water spray.
Specific methods	Use fire extinguishing methods suitable to surrounding conditions.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures	Wear protective equipment. Keep unprotected persons away. Mount respiratory protective device.
Environmental precautions	Dilute with plenty of water. Do not allow to enter ground water.
Methods and material for containment and cleaning up	Absorb liquid components with liquid-binding material. Use neutralizing agent. Dispose contaminated material as waste according to Section 13. Ensure adequate ventilation.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Keep receptacles tightly sealed. Ensure good ventilation/exhaustion at the workplace. When diluting always pour product into water and not vice versa.
Information about fire and explosion protection	No special measures required.
Conditions for safe storage, including any incompatibilities	Store only in the original receptacle. Use polyolefine receptacles. Provide acid-resistant floor.
Suitable material for receptacles and pipes	Stainless steel.
Information about storage in one common storage facility	Store away from reducing agents. Store away from metals. Do not store together with alkalis (caustic solutions). Do not store together with organic materials.
Further information about storage conditions	Keep container tightly sealed.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Components</u>	<u>CAS #</u>	<u>OSHA Exposure Limits</u>	<u>ACGIH Exposure Limits</u>	<u>Other Exposure Limits</u>
Nonylphenol, ethoxylated	127087-87-0-9	Not Established	Not Established	Not Established
Hydrochloric Acid	7647-01-0	PEL: 5 ppm (7mg/m3) Ceiling Limit	TLV: 5 ppm (7mg/m3) Ceiling	Not Established
General protective and hygienic measures	The usual precautionary measures are to be adhered to when handling chemicals. Do not eat or drink while working. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.			
Respiratory protection	Use suitable respiratory protective device only when aerosol or mist is formed. In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.			
Limitation and supervision of exposure into the environment	Avoid discharging of Hydrochloric/Phosphoric acid solutions into municipal wastewater, surface water or soils, when such discharges are expected to cause significant pH changes.			

Risk management measures	Regular control of the pH value previous to or during discharges into open waters is required. Discharges should be carried out as to minimize pH changes in receiving surface waters. In general most aquatic organisms can tolerate pH values in the ranges of 6-9.
Eye protection	Tightly sealed goggles
Body protection	Acid resistant protective clothing. Boots.
Protection of hands	Protective gloves. The glove material has to be impermeable and resistant to the product/the substance/the preparation. Material of gloves: Butyl rubber, BR Fluorocarbon rubber (Viton), Nitrile rubber, NBR Natural rubber, NR Chloroprene rubber, CR Neoprene gloves.
Penetration time of glove material	The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Not suitable are gloves made of the following materials	Leather gloves

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Color	Fuchsia liquid
Physical State	Clear thick liquid
Odor	Wintergreen
Odor threshold	Not available.
Flash point	Not available.
Flammability (solid, gas)	Not applicable.
Partition Coefficient	Not available.
Boiling point	Not available.
Melting point/freezing point	Not available.
Auto-ignition temperature	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Viscosity	Not available.
Water solubility	Not available.
pH	<1
Evaporation rate	Not available.
Decomp Temp	Not available.
Density	Not available.
Explosive properties	Not available.
Flammability class	Not available.
Oxidizing properties	Not available.
Percent volatile	Not available.
Specific gravity	1.06 – 1.08
VOC	Not available.

SECTION 10: STABILITY AND REACTIVITY

Chemical stability	Stable
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Incompatible materials	Oxidizing agents, acids, nitrogen containing organic, metals, iron, copper, nickel, cobalt, organic materials, and ammonia. Corrosive to most metals with evolution of hydrogen gas, which may form explosive mixtures with air.
Decomposition	
Instability temperature	185°F/85°C
Conditions of instability	High heat, ultraviolet light
Special remarks on reactivity	Rate of decomposition increases with heat.

SECTION 11: TOXICOLOGICAL INFORMATION

Mixture toxicity	Oral Toxicity LD50: 4.241 mg/kg
Component toxicity	Nonylphenol, ethoxylated (127087-87-0-9) Oral LD50: 2,314 mg/kg (Rat) Demal LD50: 3,050 mg/kg (Rabbit)

	Hydrochloric Acid (7647-01-0)
	Oral LD50: 700 mg/kg (Rat) Inhalation LC50: 1,562 ppm (Rat)
Routes of exposure	Inhalation, Skin Contact, Eye Contact, Ingestion
Effects of overexposure	N/D
Carcinogenicity	N/A

SECTION 12: ECOLOGICAL INFORMATION

Do not discharge into waterways. The strong lowering of pH can destroy organisms.

Component Ecotoxicity

Hydrochloric Acid	This product is toxic to fish and aquatic organisms. Do not contaminate water containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.
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SECTION 13: DISPOSAL CONSIDERATIONS

Disposal recommendation	Must not be disposed together with household garbage. Disposal must be made according to official regulations. Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with local authority requirements.
Uncleaned packaging recommendation	Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning. Packagings that may not be cleansed are to be disposed of in the same manner as the product. Disposal must be made in accordance with local authority requirements.
Recommended cleansing agents	Water, if necessary together with cleansing agents.

SECTION 14: TRANSPORT INFORMATION

DOT

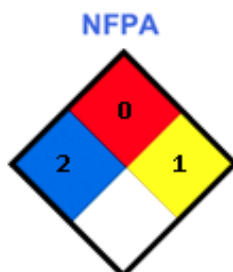
UN number	
UN proper shipping name	Limited Quantity
Transport hazard class(es)	Class Subsidiary risk
Packing group	
Special precautions for user	Read safety instructions, SDS, and emergency procedures before handling.

SECTION 15: REGULATORY INFORMATION

All components listed

SECTION 16: OTHER INFORMATION

HMIS	
Health	2
FLAMMABILITY	0
Physical Hazard	1
Personal Protection	D



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