

SAFETY DATA SHEET



SECTION 1: IDENTIFICATION

COMPANY NAME:	AMERICAN INDUSTRIES, INC.	PRODUCT NAME:	BARRAGE
ADDRESS LINE 1:	4300 Kahn Drive, Box 1405	PRODUCT CODE:	2384
ADDRESS LINE 2:	Lumberton, NC 28359-1405 USA	PRODUCT USE:	Citrus Blended Solvent
TELEPHONE NUMBERS:	800-753-5153 (or) 910-738-7224	SDS FILE ID:	2384.07
EMERGENCY PHONE:	CHEMTREC 1-800-424-9300	SDS DATE:	2026-03-18

REPLACES MSDS VERSION DATED: 2022-09-13 and all prior revisions

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification:

Health	Skin Irritant Eye Irritant Skin Sensitization
Physical Hazards	Skin Irritant Eye Irritant Allergic Skin Reaction
Label elements	None



Signal word: **WARNING**

Precautionary statements:

Avoid contact of liquid concentrated product with eyes and skin. Wash hands thoroughly after use. IF IN EYES: Rinse with water for 15 minutes. Consult physician if symptoms occur. IF ON SKIN: Rinse with soap and water. Consult physician if symptoms occur. Storage: No specific measures identified. Disposal: Can be flushed to sanitary sewer. Discard empty container in trash.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
D-Limonene	5989-27-5	5-10
4-Nonylphenol Branched, Ethoxylated	127087-87-0	20-30
Dibasic Ester	95481-62-2	15-25
Sodium Xylene Sulfonate	1300-72-7	1-5

The specific chemical identity and exact percentage of this ingredient have been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

Symptoms & Acute Effects	Irritant to the skin and eyes.
Delayed Effects	None known.
Typical Routes of Exposure	Skin, eyes.
Treatment	
Inhalation	Remove exposed person to fresh air. Treat symptomatically.
Skin contact	Rinse with soap and water. Remove contaminated clothing and wash before reuse. Consult physician if symptoms occur.
Eye contact	Rinse immediately with water for 15 minutes. Consult physician if symptoms occur.
Ingestion	Do not induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Get medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point: 110°F (43.3°C)	Lower Explosive Limit: Not available	Upper Explosive Limit: Not available
Extinguishing media	Use CO ₂ , dry chemical, foam, water spray.	
Extinguishing methods	In case of fire, use appropriate extinguishing agent for surrounding fires.	
Equipment	Do not enter confined fire-spaces without protective clothing and self-contained air supply.	

Chemical Hazards from fire May emit hazardous fumes under fire conditions.
Precautions for fire fighters None known.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps to be taken Use personal protective equipment as required. Absorb with suitable absorbent. For large spills eliminate potential sources of ignition. Dike and contain. Recover free liquid. Ventilate confined spaces.
Cleanup Procedures Use a water rinse for final clean-up.

SECTION 7: HANDLING AND STORAGE

Handling & Storage Wash thoroughly after handling. Avoid repeated contact with skin. Keep out of reach of children. Do not store near heat or open flames. Keep container closed when not in use. Provide adequate ventilation.
Avoid breathing vapors or mist.
Incompatibility Strong oxidizers

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment Eye protection, protective gloves.
Ventilation requirements Local exhaust

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>	<u>PEL (TLV)</u>
D-Limonene	5989-27-5	5-10	Not established
4-Nonylphenol Branched, Ethoxylated	127087-87-0	20-30	Not established
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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Color Yellow/Orange
Physical State Liquid
Odor Citrus
Flash point 110°F (43.3°C)
Upper/Lower Flammability Limits Not available
Partition Coefficient: n-octanol/water Not available
Boiling point Appr. 212°F (100°C)
Melting point/freezing point Not available
Auto-ignition temperature Not available
Vapor pressure (mm Hg) Unknown
Vapor density (Air-1) Unknown
Specific gravity (H2O) (±0.005) 8.586 lbs/gal
Viscosity Not available
Water solubility Emulsifiable
pH (±0.5) 5.5
Evaporation rate (vs H2O) Slower
Decomp Temp Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity Stable
Incompatibility Strong oxidizers
Hazardous decomposition products May emit hazardous fumes under fire conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity None
Skin Irritation May cause skin irritation
Eye Irritation May cause eye irritation

Skin Sensitization	Not a sensitizer
Mutagenicity	Not a mutagen
Reproductive toxicity	None
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	Ecotoxicity not reported
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SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal methods	This product is not of itself regulated as a hazardous waste as defined in 40 CFR 261. Disposed of in accordance with applicable Federal, State, and Local ordinances.
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SECTION 14: TRANSPORT INFORMATION

Not DOT regulated.

SECTION 15: REGULATORY INFORMATION

All ingredients in this product are listed on the TSCA Inventory.

SARA 302 Health Hazard	Acute
SARA 313 Chemicals	None

SECTION 16: OTHER INFORMATION

HMIS HAZARD RATINGS

HEALTH	2
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION EQUIPMENT	B

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