

SAFETY DATA SHEET



SECTION 1: IDENTIFICATION

COMPANY NAME:	AMERICAN INDUSTRIES, INC.	PRODUCT NAME:	ULTRON
ADDRESS LINE 1:	4300 Kahn Drive, Box 1405	PRODUCT CODE:	2274
ADDRESS LINE 2:	Lumberton, NC 28359-1405 USA	PRODUCT USE:	Concentrated citrus cleaner/degreaser
TELEPHONE NUMBERS:	800-753-5153 (or) 910-738-7224	SDS FILE ID:	2274.08
EMERGENCY PHONE:	CHEMTREC 1-800-424-9300	SDS DATE:	2016-02-01

REPLACES MSDS VERSION DATED: 2015-04-07 and all prior revisions

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification		
Health	Acute toxicity	5 Oral
	Skin corrosion/irritation	2
	Serious eye damage/Eye irritation	2 B
	Acute toxicity	5 Inhalation
Physical	Corrosive to metals	1
Label elements		



Signal word	WARNING
Hazard statements	H303 May be harmful if swallowed. H315 Causes skin irritation. H320 Causes eye irritation. H290 May be corrosive to metals H333 - May be harmful if inhaled
Precautionary statements	P305 IF IN EYES: Flush eyes with plenty of water. If redness persists, seek medical attention. P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P302 + P352 IF ON SKIN: Wash with soap and water. P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
Ethanolamine	141-43-5	<5
Cyclohexend, 1-methyl-4-(1-methylethenyl)=, (4R)-	5989-27-5	<2
Chelating Agent	64-02-8	<2

SECTION 4: FIRST AID MEASURES

Inhalation	If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
Skin contact	Promptly flush skin with water until all chemical is removed.
Eye contact	Flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Contact a physician if redness persists
Ingestion	Give 1-2 glasses of water. Do not induce vomiting. Get medical advice. Do not give anything by mouth to an unconscious or convulsing person. Contact a poison control center immediately. Seek medical attention immediately.

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point	180°F (82°C)
Flash Point Method	N/A
Extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media	Not applicable
Hazardous combustion products	Not applicable
Special exposure hazards	None
Special protective equipment	Full protective clothing and approved self-contained breathing apparatus required for fire fighting personnel.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures	Use appropriate protective equipment. (See Section 8.) Do not get into eyes, skin, or clothing. Wear respiratory protection. Avoid breathing vapors. Ensure adequate ventilation.
Environmental Precautionary Measures	Do not empty into drains.
Methods and Materials for Containment and Cleanup	Soak up residue with an absorbent such as clay or sand. Place in a nonleaking container for proper disposal according to Federal, State, and Local regulations. Do not discharge into waterways or sewage systems.

SECTION 7: HANDLING AND STORAGE

Handling	Use in a well-ventilated area. Do not breathe vapors. Do not get on skin, eyes, or clothing.
Storage	Keep from freezing. Store between 50 and 80 degrees F (10-27°C). Keep container closed and in a well-ventilated area. Store in a cool dry place.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls	Use in well ventilated area.	
Personal Protective Equipment	Safety Glasses, Gloves	
Ethanolamine	141-43-5	<5%
Components with workplace control parameters		
TWA	3 ppm	USA. ACGIH Threshold Limit Values (TLV)
Skin & eye irritation		
STEL	6 ppm	USA. ACGIH Threshold Limit Values (TLV)
Skin & eye irritation		
TWA	3 ppm 8 mg/m3	USA. OSHA-TABLE Z-1 Limits for Air Contaminants-1910.1000
STEL	6 ppm 8 mg/m3	USA. OSHA-TABLE Z-1 Limits for Air Contaminants-1910.1000
TWA	3 ppm 6 mg/m3	USA. Occupational Exposure Limits (OSHA)-Table Z-1 Limits for Air Contaminants
The value in mg/m3 is approximate		
TWA	3ppm 8mg/m3	USA. NIOSH Recommended Exposure Limits USA. NIOSH Recommended Exposure Limits
ST	6 ppm 15 mg/m3	
Cyclohexene, 1-methyl-4-(1,methylethenyl)-, (4R)-	5989-27-5	<2% No data available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Color	Clear orange liquid
Physical State	Liquid
Odor	Citrus/Orange
Flash point	180°F (82°C)
Flammability	Not available
Partition Coefficient	Not available
Boiling point	>212°F (100°C)
Melting point/freezing point	Not available
Auto-ignition temperature	Not available
Vapor pressure	Not available
Vapor density (Air-1)	Not available
Specific gravity/Density	1.02
Viscosity	Not available
Water solubility	Soluble in water
pH	12
Evaporation rate	Not available
Decomp Temp	Not available

SECTION 10: STABILITY AND REACTIVITY

Chemical stability	Stable.
Conditions to avoid	High temperatures.
Materials to avoid	Strong acids, alkalis, oxidizing agents.
Hazardous decomposition	None.
Hazardous polymerization	Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Ethanolamine	141-43-5	<5%
Information on toxicological effects		
Acute toxicity	LD50 Oral-rat	1,720 mg/kg
Inhalation	Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.	
	LD50 Dermal-rabbit	1,015 mg/kg
	No data available	
Skin corrosion/irritation	No data available	
Serious eye damage/eye irritation	Eyes-rabbit	Result: Severe eye irritation
Respiratory or skin sensitization	No data available	
Germ cell mutagenicity	No data available	
Carcinogenicity		
IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.	

ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.	
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	
Reproductive toxicity	No data available.	
Specific target organ toxicity	Single Exposure-No data available	Repeated Exposure-No data available
Aspiration hazard	No data available	
Additional information	RTECS: KJ5775000	

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Cyclohexene,1-methyl-4-(1-methylethenyl)-, (4R)- 5989-27-5 <2%

Information on toxicological effects

Acute toxicity	LD50 Oral-rat	4,400 mg/kg
Remarks	Behavioral: Change in motor activity (specific assay). Respiratory disorder Skin and Appendages: Other: Hair. Inhalation: Irritating to respiratory system. LD50 Dermal-rabbit >5,000 mg/kg	
	No data available	
Skin corrosion/irritation	No data available	
Serious eye damage/eye irritation	No data available	
Respiratory or skin sensitization	May cause sensitization by skin contact.	
Germ cell mutagenicity	No data available	
Carcinogenicity		
Carcinogenicity	Rat-Oral	Tumorigenic:Carcinogenic by RTECS criteria. Kidney, Ureter, Bladder:Kidney tumors. Tumorigenic Effects: Testicular
Carcinogenicity	Mouse-Oral	Tumorigenic:Equivocal tumorigenic agent by RTECS criteria. Gastrointestinal:Tumors.

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification

IARC 3 - Group 3: Not classifiable as to its carcinogenicity to humans (D-Limonene)

ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.	
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	
Reproductive toxicity	No data available.	
Specific target organ toxicity	Single Exposure-No data available	Repeated Exposure-No data available
Aspiration hazard	No data available	
Additional information	RTECS: GW6360000	

Liver - Irregularities - Based on Human Evidence

SECTION 12: ECOLOGICAL INFORMATION

Ethanolamine	141-43-5	<5%
Information on ecological effects		
Toxicity		
Toxicity to fish LC50	Pimephales promelas (fathead minnow)	227 mg/l – 96 h.
Toxicity to daphnia and EC50	Daphnia magna (Water flea)	65 mg/l – 48 h.
Other aquatic invertebrates		
Toxicity to algae EC50	Desmodesmus subspicatus (green algae)	15 mg/l – 72 h.
Persistence and degradability	No data available	
Bio-accumulative potential	No data available	
Mobility in soil	No data available	

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)- 5989-27-5 <2%

Information on ecological effects

Toxicity	No data available	
Toxicity to fish LC50	Pimephales promelas (fathead minnow)	0.702 mg/l – 96.0 h..
Toxicity to daphnia and EC50	Daphnia pulex (Water flea)	69.6 mg/l – 48 h.
Other aquatic invertebrates		
Persistence and degradability	No data available	
Bio-accumulative potential	No data available	
Mobility in soil	No data available	

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life.

SECTION 13: DISPOSAL CONSIDERATIONS

Empty Containers: If empty container retains product residue, all label precautions must be observed. Dispose of unused product prior to disposing of empty container.

Disposal Considerations of Substance: Do not discharge into waterways or sewage systems. Transport with all closures in place. Return for reuse or dispose of according to national, local, and state regulations

SECTION 14: TRANSPORT INFORMATION

DOT INFORMATION FOR QUANTITIES GREATER THAN 5 LITERS PER CONTAINER. UN3267, Corrosive liquid, basic, inorganic, n.o.s., 8, PGIII

DOT INFORMATION FOR QUANTITIES LESS THAN 5 LITERS PER CONTAINER. Limited Quantity

Marine Pollutant No

SECTION 15: REGULATORY INFORMATION

COMPONENT	CAS/PERC		CODES
Ethanolamine	141-43-5	<5%	HAP, MASS, OSHAWAC, PA, TSCA, TXAIR
Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)-	5989-27-5	<3%	TSCA
Chelating Agent	640-02-8	<2%	TSCA

REGULATORY CODE DESCRIPTIONS

HAP = Hazardous Air Pollutants

MASS = MA Massachusetts Hazardous Substances List

OSHA = OSHA Workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TSCA = Toxic Substances Control Act

TXAIR = TX Air Contaminants with Health Effects Screening Level

SECTION 16: OTHER INFORMATION

Hazardous Materials Identification System (HMIS)

HMIS-RATING:	
HEALTH	2
FLAMMABILITY	0
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