

SAFETY DATA SHEET



SECTION 1: IDENTIFICATION

COMPANY NAME:	AMERICAN INDUSTRIES, INC.	PRODUCT NAME:	KOOL KUT WD
ADDRESS LINE 1:	4300 Kahn Drive, Box 1405	PRODUCT CODE:	1674
ADDRESS LINE 2:	Lumberton, NC 28359-1405 USA	PRODUCT USE:	Synthetic Water Dilutable Metal Working Fluid
TELEPHONE NUMBERS:	800-753-5153 (or) 910-738-7224	SDS FILE ID:	1674.02
EMERGENCY PHONE:	CHEMTREC 1-800-424-9300	SDS DATE:	2015-05-04
		REPLACES VERSION DATED:	2012-12-03 and all prior versions

SECTION 2: HAZARDS IDENTIFICATION

Classification	Eye irritant	Category 2b
Label elements	N/A	
Signal word	Warning.	
Hazard statement	Causes eye irritation	
Precautionary statement	This product contains the following percentage of chemicals of unknown toxicity: 7% Wash hands thoroughly after handling. 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.	
Hazard(s) not otherwise classified (HNOC)	N/A	

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
Triethanolamine	10043-35-3	3-7
MEA Borate	68586-07-2	1-5
Boric Acid Granular	10043-35-3	1-5

SECTION 4: FIRST AID MEASURES

Inhalation	Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.
Skin contact	Immediately wash with soap and warm water for 15 minutes.
Eye contact	Remove contact lenses. Flush with water for at least 15 minutes. See a physician if irritation persists.
Ingestion	Do NOT induce vomiting unless directed by medical authority. Seek medical attention if irritation persists.
Acute health hazards	None known.
Chronic health hazards	None known.
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	Use appropriate media for surrounding fire.
Unsuitable extinguishing media	N/A
Special 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.
Unusual fire and explosion hazards	N/A
Hazardous Combustion Products	Oxides of carbon, nitrogen.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal protective equipment	Refer to section VIII for proper Personal Protective Equipment.
Spill	Soak up with non-combustible material like vermiculite, sand or earth.
Waste disposal	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	Waste likely considered Non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Store in cool dry area away. Keep container tightly closed. Keep out of reach of children and do not store near food, drink, or animal food.
Other Precautions	None.
Incompatibility	Strong acids, strong oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Hazardous Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Triethanolamine	Not Established	5mg/m ³
MEA Borate	Not Established	Not Established
Boric Acid Granular	Not Established	Not Established
Appropriate engineering controls	N/A	
Respiratory protection	Not required with adequate ventilation.	
Personal protective equipment	Safety glasses.	
Additional Measures	Wash hands thoroughly after handling..	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Blue Colored liquid.
Odor	Characteristic Odor.
Odor threshold	N/D
Boiling point	>212°F (100°C)
Freezing Point	N/D
Flammability	Not considered a flammable liquid by OSHA (29 CFR 1910.1200).
Flash point	N/D
Auto-ignition temperature	N/D
Upper/lower flammability limits	N/D
Vapor Pressure (mmHg)	760
Vapor density (Air = 1)	1
Evaporation Rate	<1
Specific Gravity (H ₂ O=1)	1.040
pH	10.25
Solids (%)	N/D
Solubility in Water	100%
Partition Coefficient:n-Octanol/water (K _{ow})	N/D
Volatility including water (%)	96.8%
VOC	0%
Dielectric Strength (Volts)	N/A
Decomposition Temperature	N/D
Viscosity	N/A

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Nitrogenous acids, and other compounds with reactive nitrate groups.
Chemical stability	Stable.
Conditions to avoid	None Known
Incompatibility	Strong acids, strong oxidizing agents.
Hazardous decomposition products	Oxides of carbon and nitrogen.
Possible hazardous reactions	None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological information	Not established.
Routes of Entry	Eyes, Ingestion, Inhalation, Skin.
Ingestion	Causes gastrointestinal irritation.
Inhalation	Causes mild irritation to the respiratory tract.
Skin contact	May cause irritation.
Eye contact	May cause irritation.
Medical condition aggravated	None known.
Acute health hazards	None known.
Chronic health hazards	None known.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

SECTION 12: ECOLOGICAL INFORMATION

Ecological information	Triethanolamine (102-71-6) LC ₅₀ (Fish 96hr) 11800 mg/L
Biodegradability	This product is biodegradable.
Bioaccumulation	This product will not bioaccumulate.
Mobility in soil	This product is mobile in soil.
Other ecological hazards	None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal	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	Waste likely considered non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 14: TRANSPORT INFORMATION

UN number	Liquid Coolant, N. O. S.
UN proper shipping name	None
Transport hazard class(es)	N/A
Packing group	None

SECTION 15: REGULATORY INFORMATION

TSCA Status: All chemicals are listed or exempt.

CERCLA (Comprehensive response compensation, and liability act): None.

SARA 311/312 Hazard Categories: None

SARA 313 reportable ingredients: None

US state regulations: California Proposition 65: None.

International inventories: All components are listed or exempted.

SECTION 16: OTHER INFORMATION

Hazardous Materials Identification System (HMIS)

HMIS-RATING:	
HEALTH	1
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