

National Fire Protection  
Association(NFPA)

Health	2
Fire Hazard	3
Reactivity	0

Hazardous Material Information System (HMIS)	Health	2
	Fire Hazard	3
	Reactivity	0

**SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Name-----	2% NITRIC HIGHLIGHTER
Product Use:	Industrial cleaner and etchant agent.
MSDS#	1213132
PART#	10344

**PERSONAL PROTECTION** H  
SPLASH GOGGLES, GLOVES  
APRON AND VAPOR RESPIRATOR  
Print Date-11/08/13

**Co. Name and Address:**

Custom Chemical Corporation

13 D &amp; E Dudley Dr.

Roebuck, SC 29376

PH- (864)-595-8872

Fax-(864)-595-8873

24 EMERGENCY MEDICAL PHONE NUMBER (864) 680-4327

**SECTION 2. HAZARDOUS COMPONENTS - IDENTITY AND EXPOSURE LIMITS**

Ingredients	CAS #	%	Exposure Limits	LC50/LD50
Nitric Acid	7697-37-2	2	OSHA PEL 4ppm ACGIH TLV 4ppm	Oral LD 50: 700mg/kg rat Dermal LD 50: >>5000g/kg rabbit
Ethyl Alcohol	64-17-5	98		

**SECTION 3. HAZARDS IDENTIFICATION****Potential Acute Health Effects**

PRECAUTION	ROUTES OF ENTRY	
Safety Glasses	Eyes	Exposure to eyes will cause pain, tear production, excess redness and chemical burns to the cornea.
Gloves	Skin	Acute effects of skin contact include local redness, itching and discomfort.
Ventilation	Inhalation	Repeated or prolonged inhalation will cause irritation, burns to the nose, throat, and lungs.
Out of reach	Ingestion	Ingestion will cause burns and tissue damage to mouth and esophagus resulting in serious injury.
Medical Condition Aggravated by Overexposure:		NONE

**SECTION 4. FIRST AID MEASURES**

Eye Contact	Flush Immediately with plenty of water. Get Medical attention if irritation occurs.
Skin Contact	Flush Immediately with plenty of water. Get Medical attention if irritation occurs.
Inhalation	Move to well ventilated area. Get medical attention if irritation persists.
Ingestion	Get medical attention immediately. DO NOT INDUCE VOMITING.

**SECTION 5. FIRE FIGHTING METHODS****PRODUCT IS NOT COMBUSTIBLE.**

Flammability of the product	None
Flash Point	None
Combustion of the product	None
Fire Fighting Media and Instructions	Extinguish with water spray or carbon dioxide, dry chemical powder or foam.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

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Personal Precautions	See section 8.
Environmental Precautions and clean-up methods	In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use water rinse for final clean-up.

**SECTION 7. HANDLING AND STORAGE**

Handling	Avoid contact with skin and eyes.
Storage	Store in a Cool Dry Place that is well ventilated. Protect from Freezing. KEEP OUT OF REACH OF CHILDREN.

**SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Engineering Controls	Always Use in a well ventilated area.
Personal Protection	<b>H - GLOVES, SPLASH GOGGLES, APRON, VAPOR RESPIRATOR</b>
Eyes	Always wear safety glasses when using cleaning agents.
Hands	Always wear rubber gloves when using cleaning agents.
Respiratory	Always use cleaning agents with adequate ventilation.
Feet	No special requirements
Body	No special requirements

**Section 9. PHYSICAL / CHEMICAL CHARACTERISTICS**

BOILING POINT	SPECIFIC GRAVITY (H <sub>2</sub> O = 1)
NONE	1.31
VAPOR PRESSURE (mm Hg.)	MELTING POINT
(AT 77 °F.) Not determined	Not Determined
VAPOR DENSITY (Air = 1)	EVAPORATION RATE
Greater than 1.0	Not Determined
SOLUBILITY IN WATER	VOLATILE ORGANIC COMPOUNDS (V.O.C.)
Complete	Not Determined
APPEARANCE AND ODOR	Ph:
LIGHT ALCOHOL ODOR	NA

**SECTION 10. STABILITY AND REACTIVITY**

Stability and Reactivity	Material is stable at standard temperatures and pressures.
Conditions of instability	Incompatible materials
Incompatibility with various substances	Avoid contact with strong oxidizing agents, strong reducing agents, reactive metals bases, sulfur trioxide and phosphorus pentoxide.
Products hazardous polymerization	Hazardous polymerization will not occur at standard temperatures and pressure.

**SECTION 11. TOXICOLOGICAL INFORMATION**

Acute toxicity	ACGIH TLV 4ppm	Dermal LD 50: >>5000g/kg	rabbit
Effects of chronic exposure	Corrosive		

**SECTION 12. ECOLOGICAL INFORMATION**

Not available

**SECTION 13. DISPOSAL CONSIDERATIONS**

Waste information	No special precautions. Always dispose of according to federal and state regulations.
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**SECTION 14. TRANSPORTATION INFORMATION**

DOT Classification	8	UN1760
Packing group number:	II	

**SECTION 15. REGULATORY INFORMATION**

Reporting in section 15 is based in information on product ingredients

US Regulations	This product is not regulated to reporting requirements under proposition 65.
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**SECTION 16. OTHER INFORMATION**

To the Reader:

This MSDS sheet has been prepared using sources from the manufacturer/supplier of the ingredients. This is not a warranty. All liability is beyond the seller's/supplier's control. User is responsible for the use, handling, and storage of this product and must comply with all Federal and State laws and regulations.