

# American International Industries

## Material Safety Data Sheet

### Section 1. Chemical Product and Company Identification

#### Common Name

**Nail Tek STEP ONE**

#### Supplier

American International Industries  
2220 Gaspar Avenue  
Los Angeles, CA 90040

#### Synonym

Nail Cleanser

#### Trade Name

Nail Tek STEP ONE

#### Material Uses

Cosmetic or Sundry Only

Item#:	55514, NK32000, 824040
Bulk#:	30-9740
Validation Date:	5-10-12
Rev.:	00
Chem-Tel:	(800) 255-3924

### Section 2. Composition, Information on Ingredients

Name	CAS#	% by Weight	Exposure Limits	
1) Diacetone Alcohol	123-42-2	1 - 10	ACGIH-TWA 20.0	OSHA-PEL 20.00
2) Isopropyl Alcohol	67-63-0	90 - 100	400.00	400.00

### Section 3. Hazards Identification

#### Physical State and Appearance

Liquid (Clear)

#### Emergency Overview

Vapors are irritating to mucous membrane and upper respiratory tract. Continuous high volume usage may irritate eyes, nose and throat. Vapors may cause headache, drowsiness, dizziness, nausea, staggering gate, confusion, unconsciousness.  
May cause skin irritation leading to dermatitis.  
Keep away from heat, sparks, and flame. Avoid contact with eyes, skin and clothing. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

#### Routes of Entry

Absorbed through skin. Eye contact. Inhalation. Ingestion.

#### Potential Acute Health Effects

##### Eyes

Liquid and vapors are irritating to eyes.

##### Skin

Causes skin irritation. Overexposure causes sensitization.

##### Inhalation

Vapors are irritating to mucous membrane and upper respiratory tract. Continuous high volume usage irritates eyes and nose. Vapors may cause drowsiness, dizziness, nervous system depression.

##### Ingestion

Harmful if swallowed.

#### Potential Chronic Health Effects

Reports have associated repeated and prolonged overexposure to solvent with permanent brain damage.

#### Medical Conditions Aggravated by Overexposure:

Medical conditions generally aggravated by overexposure.

#### Overexposure/Signs/Symptoms

Not available

See Toxicological Information/ (section 11)

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**Section 4. First Aid Measures**

Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.
Skin Contact	In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Inhalation	If symptoms of prolonged exposure to concentrated material vapors appear, remove to fresh air. If breathing is difficult, loosen any restrictive clothing and provide oxygen and get medical care if necessary.
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to any unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.
Notes to Physician	Not available

**Section 5. Fire Fighting Measures**

Flammability of the Product	Flammable
Auto-Ignition Temperature	Not established
Flash Points	TCC 24 DEG F (-4.4 DEG C)
Flammable Limits	Not available
Products of Combustion	Not available
Fire Hazards in Presence of Various Substances	Considered to be flammable.
Explosion Hazards in Presence of Various Substances	Fine mists or sprays may be flammable at temperatures below the Flash Point.
Fire Fighting Media and Instructions	Carbon Dioxide (CO <sub>2</sub> ), Foam, and Dry Chemical.
Protective Clothing (Fire)	Full protective equipment, including approved/certified respirator or self contained breathing apparatus is recommended.
Special Remarks on Fire Hazards	Use NIOSH approved self-contained breathing apparatus in the pressure demand mode. Isolate fire area. Remove all personnel.
Special Remarks on Explosion Hazards	When heated above the flash point flammable vapors may be emitted. Cool containers with stream of water. Vapors are heavier than air and may travel along the ground to a source of ignition.

**Section 6. Accidental Release Measures**

Small Spill and Leak	Prevent skin contact and breathing vapors. Confine and absorb on non-flammable absorbent. Dispose of as flammable solid in accordance with applicable Federal, State, and Local Regulations.
Large Spill and Leak	Ventilate area and remove all sources of ignition. Pump into suitable tank for disposal or reclamation. Do not incinerate in closed containers.


**Continued on Next Page****Section 7. Handling and Storage**

Handling	Observe label precautions and keep away from heat, sparks and flame. Keep container closed after each use.
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	Use only with adequate ventilation. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Use explosion-proof electrical (ventilating, lighting, and material handling) equipment.
Storage	Store in a segregated and approved area. Do not store over 120 degrees F (48 deg C). Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

## Section 8. Exposure Controls, Personal Protection

Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work station location.
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Personal Protection	<table> <tr> <td>Eyes</td><td>Face shield</td></tr> <tr> <td>Body</td><td>Synthetic apron</td></tr> <tr> <td>Respiratory</td><td>Use NIOSH approved Respirator</td></tr> <tr> <td>Hands</td><td>Chemical resistant gloves (impervious)</td></tr> <tr> <td>Feet</td><td>Not applicable</td></tr> </table>	Eyes	Face shield	Body	Synthetic apron	Respiratory	Use NIOSH approved Respirator	Hands	Chemical resistant gloves (impervious)	Feet	Not applicable
Eyes	Face shield										
Body	Synthetic apron										
Respiratory	Use NIOSH approved Respirator										
Hands	Chemical resistant gloves (impervious)										
Feet	Not applicable										
Protective Clothing (Pictograms)											
Personal Protection in Case of a Large Spill	Face Shield. Full suit. Boots. Gloves.										

Product Name	Exposure Limits	
1) Diacetone Alcohol	ACGIH-TWA 20.0	OSHA-PEL 20.00
2) Isopropyl Alcohol	400.00	400.00
Consult local authorities for acceptable exposure limits.		

## Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid (Clear)	Odor	Strong Solvent
Molecular Formula	Not applicable	Taste	Not Available
PH (1% Soln/Water)	Not available	Color	Clear
Boiling/Condensation Point	171-405 F (77 – 207 C)		
Melting/Freezing Point	Not available		
Critical Temperature	Not available		
Specific Gravity	Not available		
Vapor Pressure	32 MMHG at 68 deg F (Isopropyl Alcohol)		
Vapor Density	Not available		
Volatility	Not available		

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Odor Threshold	Not available
Evaporation Rate	Slower than Ether
VOC	6.6 LBS/GAL
Viscosity	Not available
Log K <sub>ow</sub>	Not available
Iconicity (in Water)	Not available
Dispersion Properties	Not available

Solubility	Not available
Physical Chemical Comments	Not available

### Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions of Instability	Do not store over 120 DEG F (48 DEG C).
Incompatibility with Various Substances	Avoid acids, alkalies, and peroxides.
Hazardous Decomposition Products	CO, CO2, Nitrous Oxides, Smoke
Hazardous Polymerization	Will not occur

### Section 11. Toxicological Information

Toxicity to Animals	Not available
Chronic Effects on Humans	No known carcinogen
Other Toxic Effects Humans	Vapors are irritating to mucous membrane and upper respiratory tract. Continuous high volume usage irritates eyes and nose. Vapors may cause drowsiness and dizziness. Irritating to eyes. Causes skin irritation and exposure to the skin can cause dermatitis.
Special Remarks on Toxicity to Animals	Not available
Special Remarks on Chronic Effects on Humans	Not available
Special Remarks on Other Toxic Effects on Humans	No additional remarks

### Section 12. Ecological Information

Ecotoxicity	Not available
BOD5 and COD	Not available
Biodegradable /OECD	Not available
Mobility	Not available
Products of Degradation	Not available

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Toxicity of the Products of Biodegradation	Not available
Special Remarks on the Products of Biodegradation	Not available

### Section 13. Disposal Considerations

Waste Information	Dispose of in accordance with applicable regulatory ordinance.
Waste Stream	Not available
Consult your local or regional authorities.	

### Section 14. Transport Information

DOT Classification	CLASS 3: Flammable liquid	
FLAMMABLE LIQUIDS, N.O.S., 3, UN1263, II, Emergency Response Guide 128		

Marine Pollutant	Not available
Special Provision for Transport	Not available
ADR/RID Classification	Not controlled under ADR (Europe).
IMO/IMDG Classification	Not controlled under IMDG.
ICAO/IATA Classification	Not controlled under IATA.

### Section 15. Regulatory Information

HCS Classification	CLASS: Flammable liquid having a flash point lower than 37.8°C (100°F).
U.S. Federal Regulations	<p>TSCA 8(b) inventory: All ingredients are in compliance with TSCA.</p> <p>SARA 302/304/311/312 extremely hazardous substances: No products were found.</p> <p>SARA 302/304 emergency planning and notification: No products were found.</p> <p>SARA 302/304/311/312 hazardous chemicals: No products were found.</p> <p>SARA 311/312 MSDS distribution – chemical inventory – hazard identification: No products were found.</p> <p>SARA 313 toxic chemical notification and release reporting: No products were found.</p> <p>Clean water act (CWA) 307: No products were found.</p> <p>Clean water act (CWA) 311: No products were found.</p> <p>Clean air act (CAA) 112 accidental release prevention: No products were found.</p> <p>Clean air act (CAA) 112 regulated toxic substances: No products were found.</p>

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International Regulations	
EINECS	Not available
DSCL (EEC)	R11-Highly flammable R36/38 – Irritating to eyes and skin
International Lists	Australia: Isopropyl Alcohol Japan (MITI): Isopropyl Alcohol
State Regulations	No products were found.

### Section 16. Other Information

Hazardous Material Information System  
(USA)

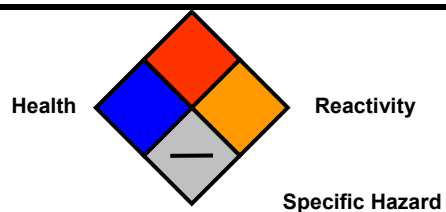
**Fire Hazard**

Health

Fire Hazard

Reactivity

National Fire  
Protection  
Association  
(U.S.A.)



References

Manufacturers Material Safety Data Sheet

Other Special Considerations

Not available

Validated by Company on 11/30/2002

Verified by Company

Printed 08/01/2005

Nail Tek-Prima Technologies, Inc. 01 631-366-0500 Monday – Friday, 9:00 am – 5:00 pm EST

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