

# MSDS - Material Safety Data Sheet

**National Guards**

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**24-HOUR EMERGENCY****CHEM-TEL, INC.**

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**NG633 Foam Lock**

Prepared 5/1/04

This Material Safety Data Sheet contains environmental, health and toxicology information for your employees. Please make sure this information is given to them. It also contains information to help you meet Community Right To Know Laws. If you resell this product, this MSDS must be given to the buyer or the information incorporated in your MSDS.

This MSDS complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

===== **SECTION I - PRODUCT IDENTIFICATION** =====

**PRODUCT DESCRIPTION:** NG633 Foam Lock Spray**DOT Hazard Classification:** ORM-D**NFPA RATING:**

HEALTH: 2    FLAMMABILITY: 3    REACTIVITY: 0    SPECIAL: 0

**HMIS RATING:**

HEALTH: 2    FLAMMABILITY: 3    REACTIVITY: 0    PERSONAL PROTECTION: B

===== **SECTION II - COMPONENTS** =====

COMPONENTS (Hazardous Components 1% or greater, Carcinogens 0.1% or greater)

Chemical/Common Names	CAS # Number	SARA III List	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source**
Acetone	67-64-1	NO	1000	750	d
Hexane	110-54-3	Yes	*50	50	d
Isobutane/propane blend	75-28-5	No	800	800	d
	74-98-6	No	1000	1000	d

\* Per Manufacturer's Recommendation

\*\* Chemical Listed as Carcinogen or Potential Carcinogen. [a]NTP [b]IARC Monograph [c]OSHA [d] Not listed  
[e] Animal Data Only

===== **SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS** =====

**Appearance and odor:** Straw colored liquid with ketone solvent odor.**Boiling Point:** N/A**Specific Gravity (H<sub>2</sub>O=1):** Concentrate Only = 0.853**Vapor Pressure (Non-Aerosols)(mm Hg and Temperature):** N/A**Vapor Density (Air=1):** N/E**Solubility in Water:** Partial**Evaporation Rate ( =1):** N/E**Water Reactive:** No

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

<b>Flammability as per USA Flame Projection Test (aerosols):</b>	Extremely Flammable
<b>Auto Ignition Temperature:</b>	N/E
<b>Flammability Limits in Air by % in Volume:</b>	% LEL: N/E    %UEL: N/E
<b>Flash Point and method used (non-aerosols):</b>	N/A
<b>Extinguisher Media:</b>	Foam, dry chemical, carbon dioxide, water
<b>Special Fire Fighting Procedures:</b>	Self-contained breathing apparatus. Use water fog to cool containers to prevent rupturing and exploding containers. Provide shielding for personnel.
<b>Unusual Fire and Explosion Hazards:</b>	Do not expose aerosols to temperatures above 130°F or the container may rupture.

===== SECTION V - REACTIVITY HAZARD DATA =====

<b>Stability:</b>	Stable
<b>Hazardous Polymerization:</b>	Will not occur
<b>Incompatibility (Materials to avoid):</b>	Strong oxidizing agents.
<b>Conditions to Avoid:</b>	Open flame, welding arcs, heat, sparks
<b>Hazardous Decomposition Products:</b>	Carbon dioxide, carbon monoxide

===== SECTION VI - HEALTH HAZARD DATA =====

Exposure: Primary Routes of Entry: Inhalation and skin absorption

<i>Inhalation:</i>	Excessive inhalation of vapors can cause nasal & respiratory irritation, dizziness, weakness, nausea, headache, possible unconsciousness or asphyxiation.
<i>Eye Contact:</i>	Irritation
<i>Skin Contact:</i>	Irritation due to defatting of skin
<i>Ingestion:</i>	Possible chemical pneumonitis if aspirated into lungs.

Chronic Effects: (Effects due to excessive exposure to the raw materials of this mixture.) Excessive inhalation of hexane may cause nerve damage.

Medical Conditions Generally Aggravated by Exposure: May aggravate existing eye, skin, or upper respiratory conditions.

**EMERGENCY FIRST AID PROCEDURES**

<i>Eye Contact:</i>	Flush with water for 15 minutes. If irritated, seek medical attention.
<i>Skin Contact:</i>	Wash with soap and water. If irritated, seek medical attention.
<i>Inhalation:</i>	Remove to fresh air. Resuscitate if necessary. Get medical attention.
<i>Ingestion:</i>	DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.

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===== SECTION VII – CONTROL AND PROTECTIVE MEASURES =====

**Respiratory Protection (specific type):** If vapor concentration exceeds TLV, use respirator approved by NIOSH in positive pressure mode.

**Protective Gloves:** Neoprene.

**Eye Protection:** Safety glasses recommended.

**Ventilation Requirements:** Adequate ventilation to keep vapor concentration below TLV.

**Other Protective Clothing & Equipment:** None

**Hygienic Work Practices:** Wash with soap and water before handling food. Remove contaminated clothing.

===== SECTION VIII – PRECAUTIONS FOR SAFE HANDLING AND USE =====

**Steps To Be Taken If Material Is Spilled Or Released:** Absorb with suitable medium. Incinerate or landfill according to local, state and federal regulations. DO NOT FLUSH TO SEWER.

**Waste Disposal Methods:** Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.

**Precautions To Be Taken In Handling & Storage:** Do not puncture or incinerate containers: Do not store at temperatures above 130°F.

**Other Precautions and/or Special Hazards:** KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors. Remove ignition sources.

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**DISCLAIMER**

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee or any kind.

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