

**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: Nu-Tech Grease Magic Upholstery Shampoo  
 PRODUCT USE: None  
 MANUFACTURED FOR: Nu-Tech Cleaning Systems  
 3784 Eleven Mile Rd  
 Berkley, MI 48072-1003  
 INFORMATION PHONE: 248-548-5211  
 EMERGENCY PHONE: INFOTRAC  
 1-800-535-5053 USA & Canada  
 352-323-3500 International

**SECTION 2 - HAZARD(S) IDENTIFICATION**

CLASSIFICATION: Acute Toxicity - Oral: Category 5  
 Acute Toxicity - Inhalation: Category No Classification4  
 Eye Damage: Category 2  
 STOT Single Exposure: Category 3  
 Flammable Liquid: Category 2

PICTOGRAMS:



GHS ELEMENTS:

SIGNAL WORD: Danger

HAZARD STATEMENT(S): H303 | May be harmful if swallowed.No Classification5|W|H303|May be harmful if swallowed.  
 H332 | Harmful if inhaled.  
 H319 | Causes serious eye irritation.2|W|H319|Causes serious eye irritation.2|W|H319|Causes serious eye irritation.2B|W|H320|Causes eye irritation.  
 H335 | May cause respiratory irritation.3|W|H336|May cause drowsiness or dizziness.3|W|H335|May cause respiratory irritation.  
 H225 | Highly flammable liquid and vapour.

PRECAUTIONARY STATEMENT(S): P210 | Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
 P233 | Keep container tightly closed.  
 P240 | Ground/bond container and receiving equipment.  
 P241 | Use explosion-proof electrical/ventilating/lighting/other equipment.  
 P242 | Use only non-sparking tools.  
 P243 | Take precautionary measures against static discharge.  
 P261 | Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P264 | Wash any exposed body parts thoroughly after handling.  
 P271 | Use only outdoors or in a well-ventilated area.  
 P280 | Wear protective gloves/protective clothing/eye protection/face protection.

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P303 + P361 + P353 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340 | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 | Call a POISON CENTER or doctor/physician if you feel unwell.

P337 + P313 | If eye irritation persists: Get medical advice/attention.

P370 + P378 | In case of fire: Use appropriate media for extinction if water increases risk.

P403 + P233 | Store in a well-ventilated place. Keep container tightly closed.

P403 + P235 | Store in a well-ventilated place. Keep cool.

P405 | Store locked up.

P501 | Dispose of contents/container to appropriate waste disposal entity in accordance with local/regional/national/international regulation.

ADDITIONAL PRECAUTIONS: None Known

### SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS #	FUNCTIONAL PURPOSE	PERCENT
2-Propanol	67-63-0	Solvent	< 1.0%
Lauramine Oxide	1643-20-5	Surfactant	< 1.0%
2-Butoxyethanol	111-76-2	Solvent	< 1.0%
Tetrasodium EDTA	64-02-8	Water Softener	< 1.0%

The chemical identity of some or all components is confidential business information (trade secret) and is being withheld as permitted by 29CFR19191200 (i). No other ingredients known to be hazardous.

### SECTION 4 - FIRST AID MEASURES

EYES:	Check for and remove contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
SKIN:	Wash skin surfaces thoroughly after contact. Wash clothing and clean shoes thoroughly before reuse. Get medical attention if irritation develops.
INHALATION:	Move exposed person to fresh air. If breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen clothing. Get medical attention immediately.
INGESTION:	Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
GENERAL:	Physicians: No specific treatment. Treat symptomatically. Contact poison treatment specialist if large quantities have been inhaled or ingested.

See Section 11 for exposure symptoms.

## SECTION 5 - FIRE FIGHTING MEASURES

FLAMMABILITY:	In a fire or if heated, a pressure increase will occur and the container may burst.
EXTINGUISHING MEDIA:	Use an extinguishing agent suitable for the surrounding fire.
PROTECTIVE EQUIPMENT:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face-piece operated in positive pressure mode.
ADDITIONAL INFORMATION:	Thermal decomposition products-carbon monoxide, sulfur oxides, metal oxide/oxides, halogenated compounds.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	No action should be taken involving individual risk or without suitable training. Isolate area. Avoid contact with material. Do not breathe vapors. Provide adequate ventilation. Wear proper personal protective equipment.
ENVIRONMENTAL:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform relevant authorities if the product reaches sewers, waterways or soil.
CONTAINMENT/CLEANUP:	Stop leak if without risk. Move containers from spill area. Contain or absorb with inert dry material. Dispose of according to local regulations. See Section 1 for emergency contact information and 13 for waste disposal.

## SECTION 7 - HANDLING AND STORAGE

SAFE HANDLING:	Wear appropriate personal protective equipment (see Section 8). Eating drinking and smoking should be prohibited. Do not get into eyes or on skin. Do not ingest. Keep containers tightly closed. Do not reuse container.
SAFE STORAGE:	Store in accordance with local regulations. Store in original container away from foods, drink and incompatible materials. Keep container tightly closed. Do not store unlabeled. Use appropriate containment.

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:	Apply technical measures to comply with occupational exposure limits. Mechanical ventilation, eyewash stations, showers where necessary.
EYE PROTECTION:	Safety eye-wear/face shield complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

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**RESPIRATORY PROTECTION:** Use a properly fitted air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates necessity. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product & the safe working limits of the chosen respirator.

**HAND PROTECTION:** Chemical resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**SKIN PROTECTION:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

COMPONENT	ACGIH TWA ppm	OSHA/NIOSH STEL ppm	OSHA/ACGIH STEL mg/m <sup>3</sup>
2-Propanol	200.00	400.00	None
Lauramine Oxide	1.40	None	None
2-Butoxyethanol	20.00	None	None
Tetrasodium EDTA	None	None	15.00

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid	UPPER EXPLOSIVE LIMITS:	NA
COLOR:	Water white	LOWER EXPLOSIVE LIMITS:	NA
ODOR:	Solvent	VAPOR PRESSURE:	NA
ODOR THRESHOLD:	NA	VAPOR DENSITY:	NA
PH:	04.1 - 08.0	RELATIVE DENSITY:	NA
MELTING POINT:	NA	SOLUBILITY:	NA
FREEZING POINT:	NA	PARTITION COEFFICIENT:	NA
BOILING POINT:	NA	AUTO-IGNITION TEMPERATURE:	NA
FLASH PT METHOD:	NA	DECOMPOSITION TEMPERATURE:	NA
FLASH POINT:	NA	SPECIFIC GRAVITY:	NA
EVAPORATION RATE:	NA	% VOLATILE:	NA
FLAMMABILITY:	NA	VISCOSITY (cst):	NA

### SECTION 10 - STABILITY AND REACTIVITY

**REACTIVITY:** HAZARDOUS DECOMPOSITION PRODUCTS

**CHEMICAL STABILITY:** Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

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CONDITIONS TO AVOID:

Sparks, heat, and open flames.

INCOMPATIBLE MATERIALS:

Sulfuric acid, strong inorganic acids, aluminum or lead, oxidizing agents, peroxides, Nitric Acid, Perchloric Acid and Chromium Trioxide.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon monoxide.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

ROUTES OF ENTRY:

Inhalation

Absorption

X Ingestion

ACUTE EXPOSURE HAZARDS:

EYE CONTACT:

May cause irritation, tearing and burning. May also cause eye injuries persisting for several days.

DERMAL:

N/E

ORAL:

N/E

INHALATION:

N/E.

2-Propanol (CAS No. 67-63-0)

Oral LD50: Rat 5045 mg/kg

Lauramine Oxide (CAS No. 1643-20-5)

Oral LD50: Rat 500-5000 mg/kg

2-Butoxyethanol (CAS No. 111-76-2)

Oral LD50: Rat 470 mg/kg

Tetrasodium EDTA (CAS No. 64-02-8)

Oral LD50: 630-1,260mg/kg, rat

**SECTION 12 - ECOLOGICAL INFORMATION**

ECOTOXICITY:

No data available.

PERSISTENCE & DEGRADABILITY:

No data available.

BIOACCUMULATIVE POTENTIAL:

No data available.

MOBILITY IN SOIL:

No data available.

OTHER ADVERSE EFFECTS:

No data available.

2-Propanol (CAS No. 67-63-0)

Fish LC50: Minnow 9640 mg/L 96h

Lauramine Oxide (CAS No. 1643-20-5)  
 Fish LC50: greater than .71 mg/l 96h, danio  
 Crustacean LC50: greater than 0.08mg/L 48h Daphnia  
 2-Butoxyethanol (CAS No. 111-76-2)  
 Fish LC50: 1250mg/L, 96h, Inland Solverside  
 Crustacean LC50: Daphnia 1818 mg/L 24h  
 Tetrasodium EDTA (CAS No. 64-02-8)  
 Fish LC50: 410mg/kg, 96h, bluegill

**SECTION 13 - DISPOSAL CONSIDERATION**

Material that cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Processing, use or contamination of the product may change the waste management options. Waste generators must decide if discarded material is a hazardous waste. State and local disposal regulations may differ from federal disposal definitions. Dispose of container and unused contents in accordance with federal, state and local requirements.

**SECTION 14 - TRANSPORT INFORMATION**

DOT (US)

UN NUMBER: NA  
 SHIPPING NAME: NA  
 TECHNICAL NAME: NA  
 HAZARD CLASS: NA  
 PACKAGING GROUP: NA

**SECTION 15 - REGULATORY INFORMATION**

SARA 313 COMPONENTS	CAS NO.	% LESS THAN
2-Propanol	67-63-0	< 1.0%
2-Butoxyethanol	111-76-2	< 1.0%

CALIFORNIA PROP. 65 COMPONENTS	CAS NO.	% LESS THAN
2-Butoxyethanol	111-76-2	< 1.0%
Tetrasodium EDTA	64-02-8	< 1.0%

RTK: PA, NJ, MA

RTK: PA, NJ, MA, RI (hydrogen Peroxide 1-3%)

RQ: 1000# (hydrogen Peroxide 1-3%)

This product can expose you to Ethylene Glycol, which is known to the State of California to cause birth defects or other reproductive harm..

contains Nitrilo Acetic Acid <0.3% max and arsenic (max 1ppm) as contaminants or bi-products which are known to the State of

California to cause cancer or reproductive toxicity as listed under Prop. 65 State Drinking Water and Toxic Enforcement Act.

**SECTION 16 - OTHER INFORMATION**

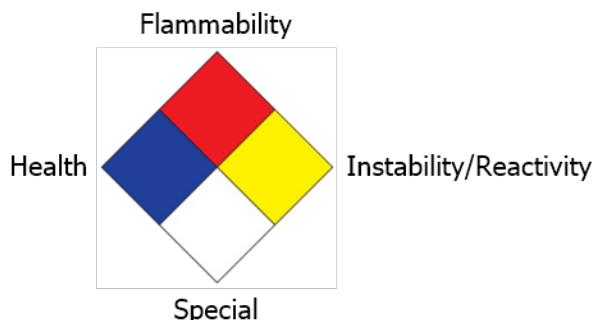
**HAZARDOUS MATERIAL INFORMATION SYSTEM (U.S.A.)**

<b>Health Hazard</b>	<b>1</b>
<b>Fire Hazard</b>	<b>3</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>B</b>

- A Safety Glasses
- B Safety Glasses, Gloves
- C Safety Glasses, Gloves, Apron
- D Face Shield, Gloves, Apron
- E Safety Glasses, Gloves, Dust Respirator
- F Safety Glasses, Gloves, Apron, Dust Respirator
- G Safety Glasses, Gloves, Vapor Respirator
- H Splash Goggles, Gloves, Apron, Dust & Vapor Respirator
- I Safety Glasses, Gloves, Dust & Vapor Respirator
- J Splash Goggles, Gloves, Apron, Dust & Vapor Respirator
- K Airline Hood or Mask, Gloves, Full Suit, Boots
- X Consult your supervisor for special handling directions

Caution: HMIS ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks and 4 representing significant hazards or risks.

**NATIONAL FIRE PROTECTION ASSOCIATION (U.S.A.)**



NFPA warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health, and reactivity hazards of chemicals.

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In all cases, it is the responsibility of the user to determine the applicability of such information and recommendations and the suitability of any product for its own particular purpose. All materials may represent unknown hazards and should be used with caution.