

MATERIAL SAFETY DATA SHEET
COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

SECTION I · PRODUCT IDENTIFICATION

Product Name: NL 84 Citrus Gel Degreaser

Product Number: 432

Date Prepared: 4/24/2009

Product Type: AEROSOL

Formula: Proprietary

Supplier's Name: Northland Manufacturing, Inc.

Information Phone: (850) 878-5149

Supplier's Address: 3485 South Monroe St., Tallahassee, FL 32301

Emergency Phone: (800) 535-5053

DOT Ship Description: CONSUMER COMMODITY · ORM-D

HMS Rating (Based on Aerosol Conc.):

0-Minimal 1-Slight 2-Moderate
3-Serious 4-Extreme

HEALTH:	1
FLAMMABILITY:	2
PHYSICAL HAZARD:	0
Personal Protection:	B

SECTION II · INGREDIENTS

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>%WT</u>	<u>313/Chem</u>	<u>Skin</u>	<u>Carcinogen</u>	<u>PEL</u>	<u>TLV-TWA</u>
Citrus Terpene	5989-27-5	10 - 20	NO	NO	NO	N/E	N/E
Isopropyl Alcohol	67-63-0	5 - 15	NO	NO	NO	400 ppm	400 ppm
Liquified Petroleum Gas	68476-86-8	15 - 25	NO	NO	NO	1000 ppm	1000 ppm

SECTION III · PHYSICAL DATA

Aerosol Concentrate:

Boiling Point: 190 °F

Specific Gravity (H₂O=1)@70 °F: 0.945

pH: 10.0

Solubility In Water: Emulsion

Appearance/Odor: White Vicous Liquid with Citrus Scent

Vapor Density(Air=1): > 1

Total Contents:

Total VOC %: 47.27%

Vapor Pressure (can; psig @72 °F): 56

SECTION IV · FIRE AND EXPLOSION DATA

Flash Point (Conc.): 120 °F

Flammability (as per CSMA Flame Projection Test): Extremely-Flammable Spray

Extinguishing Media: Foam, CO₂, Dry Media

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.

Unusual Fire and Explosion Hazards: Exposure to temperature above 120 °F may cause bursting.

SECTION V · REACTIVITY DATA

Stability: Material Stable.

Hazardous Polymerization: Will not Occur.

Incompatibility: Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxides.

SECTION VI · STORAGE AND HANDLING

KEEP OUT OF REACH OF CHILDREN.

NFPA Code 30B Rating: Level 2 Aerosol.

For Industrial and Institutional use only.

Store in a cool, dry area away from heat or open flame.

Do not store at temperatures above 120 °F.

SECTION VII · HEALTH AND FIRST AID

PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:

Eyes: May cause irritation. Symptoms include stinging, tearing, redness, blurred vision, and swelling of eyes.

Skin: Frequent or prolonged contact may cause drying and defatting of the skin and possibly dermatitis. Symptoms may include redness, burning, drying and cracking of skin. May aggravate existing skin conditions

Inhalation: Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.

Ingestion: Can cause gastrointestinal irritation, nausea, and vomiting. Aspiration of material into the lungs can cause lung inflammation and other lung injury.

FIRST AID PROCEDURES:

Eyes: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.

Skin: Wash with soap and water. If irritation persists seek medical attention.

Inhalation: Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.

Ingestion: Do not induce vomiting. Seek medical attention immediately.

SECTION VIII · SPECIAL PROTECTION DATA

Respiratory Protection: None needed for proper use in accordance with label directions.

Ventilation: Provide local exhaust to keep air concentrations of ingredients listed in Section II below established exposure limits.

Protective Gloves: Use chemical resistant gloves to help prevent skin contact.

Eye Protection: Always wear safety glasses or chemical proof goggles when working with chemicals.

SECTION IX · SPILL OR LEAK PROTECTION

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK: Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws.

WASTE DISPOSAL METHOD: Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.

N/A= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · <=LESS THAN · >=MORE THAN

NOTICE: The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.