

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: THE NATURAL D-LIMONENE DEGREASER

PRODUCT CODE: Z73 (formerly 1228)

PRODUCT CLASS: LIQUID CLEANING COMPOUND

RATINGS:

4-Extreme
3 Serious
2-Significant
1-Slight
0-Minimum

HMIS HAZARD RATING:	
HEALTH	1
FLAMMABILITY	2
REACTIVITY	0
PERSONAL PROTECTION:	C

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: CELLO PROFESSIONAL PRODUCTS

ADDRESS : 1354 Old Post Road , Havre de Grace, MD 21078

EMERGENCY PHONE - INFOTRAC 24 HOURS: 800-535-5053

REVISED: 7/1/06

INFORMATION PHONE: 800-638-4850

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE		WEIGHT
		mm Hg	@ TEMP	PERCENT
D-LIMONENE	5989-27-5	1.9	20°C	73.00

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

Indicates hazardous chemical(s) subject to the reporting requirements of section 312 of Title III and of 40 CFR 370.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 310°F

VAPOR DENSITY: Heavier than air

EVAPORATION RATE: Slower than water

APPEARANCE: Clear orange liquid

pH: Not tested

SPECIFIC GRAVITY (H2O=1): 0.88

VAPOR PRESSURE : 1 mmHg @20°C

SOLUBILITY IN WATER: Completely

ODOR: ORANGE

VOLATILE : 77.02%

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 115°F

FLASH METHOD: SETA FLASH

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.7 UPPER: 6.1

EXTINGUISHING MEDIA: If involved in a fire use foam, CO2 or water fog

SPECIAL FIREFIGHTING PROCEDURES: Wear full protective clothing and self-contained breathing apparatus. Use a water spray to cool containers involved in fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Area will become slippery if material is released.

SECTION V - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: SPARKS OR OPEN FLAME

INCOMPATIBILITY (MATERIALS TO AVOID): Acids, strong alkalies and oxidants

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Nitrogen, carbon dioxide, carbon monoxide

HAZARDOUS POLYMERIZATION: Will not occur

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: High concentrations are irritating to the eyes and respiratory tract. May cause headache, dizziness, nausea and vomiting.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Corrosive to skin, could cause blindness if gotten in eyes.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Absorption through skin may cause headache, nausea, dizziness, and vomiting.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: May cause permanent injury by damaging bronchial tract, esophagus and mucous membranes.

HEALTH HAZARDS (ACUTE AND CHRONIC): Contact with eyes can cause corneal damage. Extended overexposure can cause kidney/liver damage, dizziness, headaches, nausea, vomiting.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No NOT LISTED

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: May aggravate existing conditions of dermatitis and/or liver or kidney disorders.

EMERGENCY AND FIRST AID PROCEDURES:

IF IN EYES: Immediately flush with plenty of warm water for 15 minutes while keeping eyelids apart for maximum irrigation. If irritation persists contact physician.

IF ON SKIN: Wash off with large amounts of soap and water. If irritation persists contact a physician. Wash contaminated clothing before re-use.

IF INHALED: If victim complains of headache, dizziness or nausea, remove victim to fresh air. If breathing becomes difficult or condition persists, contact a physician.

IF INGESTED: Drink large amounts of fruit juices or vinegar followed by large quantities of milk or egg whites. Do not induce vomiting. Contact physician. Never give anything by mouth to an unconscious victim.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove sources of ignition. Dike area to contain material. Area may become slippery. Neutralize by adding diluted solutions of any of the following acids: vinegar, citric acid, muriatic acid. Absorb product onto porous material such as sand, diatomaceous earth or commercial absorbent material. Shovel up into leak proof containers.

WASTE DISPOSAL METHOD: Consult local, state and or federal authorities for proper disposal.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store away from excessive heat and extreme cold. Keep away from sparks and open flames in well ventilated area. Do not store near consumables. Keep out of reach of children.

OTHER PRECAUTIONS: Read and follow all directions. Use in a manner consistent with product intent.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: None needed for normal use

VENTILATION: Good ventilation is required. In the absence of good ventilation mechanical devices are recommended.

PROTECTIVE GLOVES: Chemical resistant gloves recommended

EYE PROTECTION: Safety splash goggles recommended

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Source of water for washing is recommended.

WORK/HYGIENIC PRACTICES: Wash hands after use and before eating, drinking, or smoking. Remove contaminated clothing and wash before reuse.

SECTION IX - REGULATORY INFORMATION

ALL INGREDIENTS OF THIS PRODUCT ARE LISTED ON THE US TOXIC SUBSTANCE CONTROL ACT (TSCA) INVENTORY.

This product is not a DOT hazardous material. BILL of LADING (all sizes): "Compound, cleaning and/or polishing"

The ingredients from Section II are subject to the following reporting requirements:

MA - The Massachusetts Hazardous Substance List NJ - The New Jersey Right-to-Know Hazardous Substance List

PA - The Pennsylvania Hazardous Substance List

SECTION X - DISCLAIMER

The information contained herein has been developed based upon current available scientific data. New information may be developed from time to time which may render the conclusions of this report obsolete. Therefore, no warranty is extended or implied as to the applicability of this information to the users intended purpose or for the consequences of its use or misuse.