

# MATERIAL SAFETY DATA SHEET

PRODUCT NAME: LEMON EXTRA NEUTRAL DISINFECTANT CLEANER  
PRODUCT CODE: Z16 (formerly 0532)  
PRODUCT CLASS: LIQUID QUATERNARY CLEANER

RATINGS:  
4-EXTREME  
3 SERIOUS  
2-SIGNIFICANT  
1-SLIGHT  
0-MINIMUM

HMIS HAZARD RATING:	
HEALTH	2
FLAMMABILITY	0
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  
INFORMATION PHONE: 800-638-4850

REVISED: 7/1/06

## SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg	@ TEMP	WEIGHT PERCENT
QUATERNARY MIXTURE OF	MIXTURE	ND	ND	4.20
N-ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE 40% CAS# 8001-54-5	TLV/TWA: NOT ESTABLISHED			
DIDECYL DIMETHYL AMMONIUM CHLORIDE 60% CAS# 7173-51-5	TLV/TWA: NOT ESTABLISHED			

\* 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 : 212°F  
VAPOR DENSITY: Heavier than air  
EVAPORATION RATE: Slower than water  
APPEARANCE: Yellow liquid  
pH : 7.2 -8.2

SPECIFIC GRAVITY (H2O=1): 1.00  
VAPOR PRESSURE : 30 mmHg  
SOLUBILITY IN WATER: Completely  
ODOR: Lemon  
VOLATILE : 91.30%

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : NONE      FLASH METHOD: SETA FLASH  
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A      UPPER: N/A  
EXTINGUISHING MEDIA: Foam, CO2, dry chemical, 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: Contact with acids and/or oxidants  
INCOMPATIBILITY (MATERIALS TO AVOID): Acids, strong alkalis 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: Slight irritant  
SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Slight to moderate eye and skin irritant  
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: Harmful if swallowed, may cause burns to the mouth and esophagus.  
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: Existing dermatological conditions may be aggravated by overexposure  
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: If swallowed, promptly drink a large quantity of milk, egg whites or gelatin. If these are not available, drink large quantities of water. Avoid alcohol. 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: Dike area to contain material. Area may become slippery. 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: Do not store near acids, oxidizers, alkalis and base metals. Keep from excessive heat and keep from freezing. 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: Normal ventilation adequate  
PROTECTIVE GLOVES: Chemical resistant gloves recommended  
EYE PROTECTION: Safety splash goggles recommended  
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye wash station 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.