

# MATERIAL SAFETY DATA SHEET

N/A=NOT APPLICABLE

EFFECTIVE DATE 11/05

## SECTION 1 - PRODUCT IDENTIFICATION

**Product Name:** LEMON DEODORANT/ CLEANER (DO455)    **Chemical Family:** CLEANING COMPOUND  
**Supplier's Name:** Banner Chemical Corp.                      **Proper Shipping Name:** CLEANING COMPOUND  
**Supplier's Address:** 111 Hill St.                                      **DOT Shipping Hazard:** N/A  
   Orange, N.J. 07050                                      **DOT Labels Required:** N/A

**EMERGENCY TELEPHONE NUMBER 973/676-2900**

**HMIS RATING (0-4): HEALTH: 0    FIRE: 0    REACTIVITY: 0**

## SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	% (optional)	TLV(ACGIH)
*Isopropanol	67-63-0	2.0	400ppm.

\*This toxic chemical is subject to reporting requirements of Sec. 313-SARA Title III-40CFR. Part 372.

## SECTION 3 - PHYSICAL DATA

**BOILING POINT:** 212°F.

**VAPOR PRESSURE (mmHg @ 20°C):** 18

**VAPOR DENSITY (air=1):** Unknown

**SPECIFIC GRAVITY:** 1.02

## SECTION 4 - FIRE and EXPLOSION DATA

**FLASH POINT:** None at boiling

**FLAMMABLE LIMITS:** N/A

**EXTINGUISHING MEDIA:** Media proper to primary cause of fire

**SPECIAL FIREFIGHTING PROCEDURES:** Use self-contained breathing apparatus.

**PHYSICAL DESCRIPTION:** Yellow/gold liquid; lemon fragrance

**pH:** 7.5-8.5

**SOLUBILITY IN WATER:** complete

**EVAPORATION RATE:** <1

**% VOLATILE BY VOLUME:** 98

**UNUSUAL FIRE & EXPLOSION HAZARD:** None known

## SECTION 5 - HEALTH HAZARD DATA

**THRESHOLD LIMIT VALUE:** Not established

**EFFECTS OF OVEREXPOSURE:** EYES: Moderate irritant & possible tissue damage. SKIN: Moderate irritant & possible dermatitis. INHALATION: Moderate irritant. INGESTION: May cause nausea, vomiting, diarrhea.

**EMERGENCY & FIRST AID PROCEDURES:** EYES: Flush immediately with copious amount of water for 15 min. While lifting eyelids. SKIN: Remove contaminated clothing and wash skin with soap & water.

**INHALATION:** Remove to fresh air. **INGESTION:** Give large quantities of water followed by milk. Induce vomiting. Never give anything by mouth to an unconscious person. In all cases consult a physician.

## SECTION 6 - REACTIVITY DATA

**STABILITY:** Stable under normal conditions

**INCOMPATIBILITY:** Strong acids; oxidizers with federal, state and local regulations.

**HAZARDOUS DECOMPOSITION PRODUCTS:** CO: CO<sub>2</sub>.

**HAZARDOUS POLYMERIZATION:** Will not occur

## SECTION 7 - SPILL or LEAK PROCEDURES

**SPILLAGE:** Contain spill and absorb with Ban-dri, earth, sand or similar inert material.

**WASTE DISPOSAL METHOD:** In a manner consistent

## SECTION 8 - SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION:** Can use N-IOSH respirator.

**VENTILATION:** Local exhaust sufficient.

**GLOVES:** Rubber or plastic coated should be used.

**EYE PROTECTION:** Safety glasses or shield if splashing expected.

**OTHER PROTECTIVE EQUIPMENT:** Clothing cover can be used.

## SECTION 9 - SPECIAL PRECAUTIONS

**Do not get in eyes or on skin. Wash thoroughly after handling. Use with adequate ventilation. Store away from other chemicals and out of the reach of children. Store in a closed container away from fire and extreme heat.**

**Keep from freezing. Use protective equipment.**

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