

Material Safety Data Sheet

May be used to comply with
 OSHA's Hazard Communication Standard
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.



Product Identity – Section I

Product Name: CITRI-CLEAN CAS #: See Below Manufacturer: Arcal Chemicals, Inc. Address: 223 Westhampton Avenue Capitol Heights, MD 20743	Emergency Tele: (800) 424-9300 Revision Date: May 6, 2008 Other Tele: (301) 336-9303 or (888) 336-9303 Fax: (301) 336-6597
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HAZARDOUS INGREDIENTS / OTHER COMPONENTS – SECTION II

MATERIAL / CAS #	ACGIH (TLV – TWA)	OSHA (PEL -TWA)
Terpene Hydrocarbon 68956-56-9	N/E	N/E
Isopropanol 67-63-0	400 ppm	400ppm

PHYSICAL DATA – SECTION III

APPEARANCE : Colorless to light yellow	ODOR ORANGE	MELT POINT: N/A	SPECIFIC GRAVITY: 0.96
VAPOR DENSITY: equivalent to water	% VOLATILE BY VOLUME: 100	BULK DENSITY: 8.0 LB/GAL	BOILING POINT: >100°C
VAPOR PRESSURE: equivalent to water	% SOLUBILITY (H2O): Completely emulsifiable		

FIRE AND EXPLOSION HAZARD DATA – SECTION IV

FLASH POINT: >160°F (Most flammable ingredient is 160 F)	NFPA FIRE HAZARDS <table border="1"> <tr> <td>HEALTH</td> <td>0</td> </tr> <tr> <td>FLAMMABILITY</td> <td>2</td> </tr> <tr> <td>REACTIVITY</td> <td>0</td> </tr> <tr> <td>SPECIFIC</td> <td></td> </tr> </table>	HEALTH	0	FLAMMABILITY	2	REACTIVITY	0	SPECIFIC	
HEALTH		0							
FLAMMABILITY		2							
REACTIVITY		0							
SPECIFIC									
FLAMMABLE LIMITS LEL: Not determined UEL: Not Determined									
EXTINGUISHING MEDIA: Water, dry chemical, foam									
SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus when extinguishing product. Ventilate area as much as possible. Treat as oil type fire as the water may boil off leaving oil residue,.									
UNUSUAL FIRE AND EXPLOSION HAZARDS: DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS: Burning of material may product carbon monoxide and carbon dioxide. EMPTY CONTAINER WARNING: Empty containers retain hazardous residue. Do not cut or weld.	4 = EXTREME 3 = HIGH 2 = MODERATE 1 = SLIGHT 0 = INSIGNIFICANT								

REACTIVITY DATA – SECTION V CITRI-CLEAN (CONT.)

Stability: Stable & polymerization will not occur **CONDITIONS TO AVOID:** None known

INCOMPATIBILITY (MATERIAL TO AVOID): Avoid contact with strong oxidizing agents

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Burning of material may produce carbon monoxide

HAZARDOUS POLYMERIZATION: Will not occur **CONDITIONS TO AVOID:** None known

HEALTH HAZRD DATA – SECTION VI

Route(s) of Entry: **Inhalation?** Yes **Skin?** Yes **Ingestion?** Yes

Health Hazards (Acute and Chronic): Irritation of skin and eyes. Inhalation of vapors may cause headaches and dizziness.

CARCINOGENICITY: None **NTP?** N/A **IARC Monographs?** N/A **OSHA?** N/A

MEDICAL CONDITIONS

GENERALLY AGGRAVATED by EXPOSURE: Skin and eye irritation, dizziness and headaches.

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: If splashed into eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.

SKIN CONTACT: In case of skin contact, remove any contaminated clothing and wash skin thoroughly with soap and water.

INHALATION: If overcome by vapor, remove from exposure and call a physician immediately. If breathing is irregular or has stopped, start resuscitation, administer oxygen if available.

INGESTION: If ingested, DO NOT induce vomiting; call a physician immediately.

PRECAUTIONS FOR SAFE HANDLING AND USE – SECTION VII

Steps to be taken in case material is released or spilled: Remove all sources of flame and heat. Collect on absorbent material. Flush area with water.

Waste Disposal Method: Recover solvents by distillation and dispose in accordance with federal, state and local regulations.

Precautions to be taken in handling and storing: Store in cool, dry place. Avoid prolonged contact and inhalation of vapors. Keep away from sources of heat, sparks or flames.

CONTROL MEASURES – SECTION VIII

Respiratory or breathing apparatus: Use self-contained breathing apparatus

Ventilation: Yes **Local Exhaust:** **Special:**
Mechanical: **Other:**

Protective Gloves: Chemical resistant **Eye Protection:** Face shield or goggles

Other Protective Clothing or Equipment: Chemical resistant apron, boots and other protective gear.

TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: High Flash Point Solvent, Not Regulated For Transportation Purposes, No labels required.