

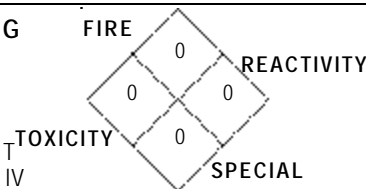


**KLEENCO**  
FOR QUALITY, VALUE AND PERFORMANCE

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For Emergency Assistance  
Call Infotrac (800) 535-5053

**HAZARD RATING**  
4 = EXTREME  
3 = HIGH  
2 = MODERATE  
1 = SLIGHT  
0 = INSIGNIFICANT  
\* = SEE SECTION IV



# MATERIAL SAFETY DATA SHEET

PRODUCT NAME <b>IT'S REFRESHING</b>	BUBBLEGUM CINNAMON COUNTRY-GARDEN	LEMON MINT WILD-CHERRY	DATE ISSUED 02-20-93	CODE 009-0059 009-0241 009-0244 009-0242 009-0243 009-0279	DOT HAZARD Not Regulated
FORMULA Proprietary	CHEMICAL NAMES AND OR SYNONYMS Compound Cleaning Liquid				

## I-COMPOSITIONAL INFORMATION/SARA III INFORMATION

INGREDIENTS	CAS NUMBER	OCCUPATION OSHA PEL	EXPOSURE ACGIH TLV	LIMITS OTHER	VAPOR mm Hg	PRESSURE @ TEMP	WEIGHT PERCENT
Isopropanol	67-63-0	400 PPM	400 PPM	None	33.0	68°F.	

\*Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and 40 CFR 342. **NOTE:** The precise composition of this mixture is proprietary. A more complete description will be provided to a physician in the event of a medical emergency.

## II - PHYSICAL PROPERTY INFORMATION

APPEARANCE and ODOR Water thin, liquid, characteristic odor and color			
MELTING POINT Not Applicable	BOILING POINT 181° to 482°F.	COATING V.O.C. Not Applicable	EVAPORATION RATE Slower than ether
SOLUBILITY IN WATER Complete	SPECIFIC GRAVITY (Water = 1) 1.0	VAPOR DENSITY Not Applicable	

## III - FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT Not Applicable	AUTO IGNITION TEMPERATURE Not Applicable	LOWER EXPLOSION LIMIT (%) Not Applicable	UPPER EXPLOSION LIMIT (%) Not Applicable
EXTINGUISHING MEDIA <input checked="" type="checkbox"/> FOAM <input checked="" type="checkbox"/> CO <sub>2</sub> <input checked="" type="checkbox"/> DRY CHEMICAL <input checked="" type="checkbox"/> WATER SPRAY <input type="checkbox"/> OTHER			
SPECIAL FIRE FIGHTING PROCEDURES For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment. This may include self-contained breathing apparatus to protect against the hazardous effects of normal products of combustion or oxygen deficiency. Read the entire MSDS.			
UNUSUAL FIRE AND EXPLOSION HAZARDS None Known			

## IV - HEALTH HAZARD INFORMATION

THRESHOLD LIMIT VALUE Not Established	ROUTE(S) OF ENTRY:	<input checked="" type="checkbox"/> INHALATION See Health Hazards	<input checked="" type="checkbox"/> SKIN See Health Hazards	<input checked="" type="checkbox"/> INGESTION See Health Hazards
HEALTH HAZARDS (Acute and Chronic) CHRONIC EFFECTS OF EXPOSURE for Isopropanol: Prolonged or repeated exposure to high concentrations can produce severe or fatal CNS depression. *See Section IX.				
CARCINOGENICITY: Not considered to be a carcinogen <input type="checkbox"/> NTP <input type="checkbox"/> IARC Monographs <input checked="" type="checkbox"/> OSHA Regulated				
SIGNS AND SYMPTOMS OF EXPOSURE INHALATION: Vapors and mists irritate the nose and throat. Inhalation of higher concentrations may cause headaches, vomiting, and coma. Inhalation of very high concentrations or prolonged exposure may cause unconsciousness or death. EYE CONTACT: Vapors will irritate the eyes. Liquid and mists can severely irritate or damage the eyes and cause corneal burns. SKIN CONTACT: Brief contact may dry the skin, or cause burning or stinging sensation. Prolonged or repeated contact may irritate the skin, causing dermatitis. SWALLOWED: Swallowing large quantities causes headaches, nausea, vomiting, stomach cramps and diarrhea, and perhaps unconsciousness, or death.				
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE Persons with pre-existing skin disorders, eye problems, or impaired respiratory function may be more susceptible to the effects of this substance.				
EMERGENCY AND FIRST AID PROCEDURES EYES: If this chemical contacts the eyes, immediately wash the eyes with large amounts of water, occasionally lifting the lower and upper lids. Get medical attention immediately. Contact lenses should not be worn when working with this chemical. SKIN: If this chemical contacts the skin, flush the contaminated skin with water promptly. If this chemical penetrates the clothing, immediately remove the clothing and flush the skin with water promptly. If irritation persists after washing, get medical attention. INHALATION: If a person breathes large amounts of this chemical, move the exposed person to fresh air at once. If breathing has stopped, perform mouth-to-mouth resuscitation. Keep the affected person warm and at rest. Get medical attention as soon as possible. INGESTION: If this chemical has been swallowed, get medical attention immediately.				

## V - REACTIVITY INFORMATION

<input checked="" type="checkbox"/> STABLE	<input type="checkbox"/> UNSTABLE	CONDITIONS TO AVOID None	
HAZARDOUS DECOMPOSITION PRODUCTS May liberate carbon monoxide or carbon dioxide.			
HAZARDOUS POLYMERIZATION	<input type="checkbox"/> MAY OCCUR	<input checked="" type="checkbox"/> WILL NOT OCCUR	CONDITIONS TO AVOID Heat, sparks and open flame.
INCOMPATIBILITY (Materials to avoid) Strong oxidizers, aluminum, acetaldehyde, chlorine, ethylene oxide, hydrogen-palladium combination, hypochlorous acid, isocyanates, nitroform, phosgene, oleum, perchloric acid, potassium T-Butoxide, acids, alkalis, amines, halogens, halogen compounds, anhydrides, and aldehydes.			

## VI - SPILL OR LEAK PROCEDURE INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Stop the source of leak or release. Clean up releases as soon as possible, observing precautions in Special Protective Information. Contain liquid to prevent further contamination of soil, surface water or groundwater. Clean up small spills using appropriate techniques such as sorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Follow prescribed procedures for reporting and responding to larger releases.
WASTE DISPOSAL METHODS	Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. Contact local environmental authorities for approved disposal of this material.

## VII - SPECIAL PROTECTION INFORMATION

VENTILATION TYPE	Local mechanical exhaust ventilation, capable of maintaining emissions at the point of use below the PEL.		
RESPIRATORY PROTECTION	Wear a NIOSH-Approved respirator, appropriate for the concentration of vapor or mist encountered at the point of use.		
PROTECTIVE GLOVES	Impervious	EYE PROTECTION	Wear eye protection to prevent any reasonable probability of eye contact.
OTHER PROTECTIVE EQUIPMENT	Wear appropriate equipment to prevent any repeated or prolonged skin contact.		

## VIII - STORAGE AND HANDLING INFORMATION

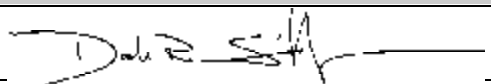
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE	Keep out of reach of children. Store in a cool dry place away from incompatible materials. Keep container tightly closed when not in use. Workers should wash promptly when skin becomes wet. Remove clothing immediately if it becomes wet (to avoid flammability hazard). It is generally recognized that contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of the injury.
OTHER PRECAUTIONS	Read and follow label instructions. The label contains information necessary for the proper use of the product. Containers, even those that have been emptied, will retain product residue and vapors. Always obey hazard warnings and handle empty containers as if they were full.

## IX - TOXICITY INFORMATION

*HEALTH HAZARDS for Quaternary Ammonium Compounds Benzyl-C12-18-Alkyl Dimethyl - Ethanol: INHALATION: High concentrations (>1000 PPM) of Ethanol vapor can cause irritation of the respiratory tract, headache and if continued, drowsiness, lassitude, etc. EYE CONTACT: Liquid causes severe irritation and may cause permanent damage. Concentration >1000 PPM of Ethanol vapors can also cause irritation. SKIN CONTACT: Can cause severe irritation, even burns, on prolonged contact. SWALLOWED: Toxic. Results in severe damage to mucous membranes.
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## X - MISCELLANEOUS INFORMATION

Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and the removal of the material from eyes, skin and clothing.
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PRODUCT CODE (009)-0059,0241,0242, 0243,0244,0279	NA = NOT AVAILABLE	DATE OF ISSUE 02-20-93	SUPERSEDES 04-03-91	SIGNED 
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