

UNITED C64



MATERIAL SAFETY DATA SHEET

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To Reorder Call:
800-323-2594

1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES
24 Hour INFOTRAC (US and CANADA): 800-535-5053

PRODUCT NAME
UNITED C64

USE/DESCRIPTION
Disinfectant-Cleaner-Sanitizer-Fungicide-Deodorizer

REVISION DATE
May 17, 2013

HMIS III HEALTH (0 = Maximum Safety) 2

Always follow Label Directions and Cautions.

* Chronic 2 Moderate
4 Severe 1 Slight
3 Serious 0 Minimal
See Hazards Identification Section of this MSDS for more detailed information.

PHYSICAL HAZARD (0 = Maximum Safety) 0

Susceptible to Release of Energy.

4 May detonate-vacate area if materials are exposed to fire. 2 Violent chemical change possible-use hose stream from distance
3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers. 1 Unstable if heated-use precaution.
0 Normally stable.

FLAMMABILITY (0 = Maximum Safety) 0

Susceptibility of Material to Burning.

4 Extremely flammable. 1 Must be preheated to burn.
3 Ignites at normal temperature. 0 Will not burn.
2 Ignites when moderately heated.

PERSONAL PROTECTION: n & p



2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
N-Alkyl Dimethyl Benzyl Ammonium Chloride	68424-85-1	1-5	NE	NE	NE	NE
Di-N-Alkyl Di-Methyl Ammonium Chloride	68424-95-3	1-5	NE	NE	NE	NE
Ethyl Alcohol	64-17-5	1-5	1000 ppm	1000 ppm	NE	NE

3. HAZARDS IDENTIFICATION

Eyes: Direct contact may cause eye damage or burns.

Skin: Prolonged contact may cause irritation.

Inhalation: Irritation of mucous membrane can be caused by vapors or mists.

Ingestion: Harmful if swallowed. May cause irritation and burning pain in the mouth, throat, abdomen, swelling of the larynx, difficulty in breathing, circulatory shock, convulsions, may be fatal if swallowed.

4. FIRST AID MEASURES

Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin: Take off contaminated clothing and thoroughly wash contaminated area with soap and water. If pain or irritation persists get medical assistance. Launder clothing before reuse.

Inhalation: Remove to fresh air. If breathing is difficult give oxygen. If not breathing apply CPR. If irritation persists, call a physician or poison control center.

Ingestion: Call a poison control center or doctor immediately for treatment advice. DO NOT induce vomiting. Have person drink large quantity of milk, egg whites, gelatin solution or water if able to drink. Do not give anything by mouth to an unconscious person.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, as well as oxygen and breathing support may be needed. If persistent convulsions may be controlled with the cautious intravenous of a short acting barbiturate drug.

5. FIRE FIGHTING MEASURES

Flash Point (TCC): ND

Explosive Limits: Lower (LEL): NA Upper (UEL): NA

Flame Projection (Aerosol): NA

Hazardous Products of Combustion: When strongly heated, as in a fire, this product may produce carbon monoxide, carbon dioxide, oxides of nitrogen, hydrogen chloride fumes.

Fire and Explosion Hazards: Heating may cause release of hazardous gases.

Extinguishing Media: Chemical foam, CO₂, water fog.

Fire Fighting Instructions: Wear self-contained breathing apparatus w/full protective clothing. Containers should be cooled with water to prevent vapor pressure build up. Products of combustion are toxic.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Mop up and flush away with water or absorb and incinerate. Floors may be slippery.

Large Spills: Remove ignition sources. Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal. Floors may be slippery.

7. HANDLING AND STORAGE

Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking, or using toilet facilities. Keep container tightly closed and in a cool, well-ventilated place in original container. Keep from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety goggles or face shield are recommended.

Skin: Chemical resistant gloves are recommended.

Respiratory: None needed for proper use in accordance with label directions. If ventilation is not adequate to reduce vapors below TLV levels, use a NIOSH/MSHA approved respirator.

Engineering Controls: Normally not required. Mechanical ventilation recommended when handling in enclosed/tight spaces.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 212°F/100°C **Specific Gravity:** 1.01 (H₂O=1) **Vapor Pressure:** ND **Melting Point:** ND

Vapor Density: > 1 (Air=1) **Evaporation Rate:** > 1 (Air=1) **Solubility in Water:** Complete **pH:** 7-8

Appearance and Odor: Clear liquid with mild amine odor

10. STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur.

Hazardous Decomposition: When strongly heated, as in a fire, this product may produce carbon monoxide, carbon dioxide and hydrogen chloride vapors.

Chemical Stability: Stable

Incompatibility: Avoid contact with strong oxidizing and reducing agents, alkalies.

11. TOXICOLOGICAL INFORMATION

Carcinogenicity (NTP/IARC/OSHA): None

California Proposition 65: Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? No

12. ECOLOGICAL INFORMATION

ND

13. DISPOSAL CONSIDERATIONS

Consult your local, provincial and federal regulations for proper disposal guidelines. Incinerate in approved equipment or dispose in secure landfill according to local, provincial and federal regulations.

14. TRANSPORT INFORMATION

DOT: Available upon request

TDG: Available upon request

UN: Available upon request

15. REGULATORY INFORMATION

VOC (Volatile Organic Compounds): None

TSCA (Toxic Substances Control Act): Listed

SARA Title III Section 302 EHS: None

SARA Title III Section 311/312: ND

SARA Title III Section 313 Toxic Chemicals: None

WHMIS Classification:

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.

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