# **UNITED 64**



# **MATERIAL SAFETY DATA SHEET**

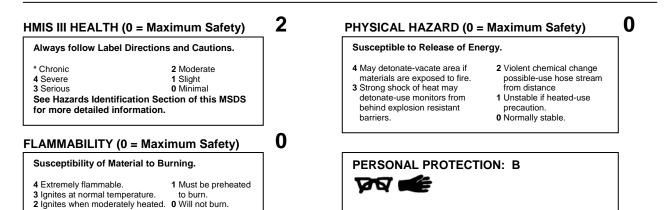
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To Reorder Call: 800-323-2594

# **1. PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME UNITED 64 BACFIGHTER USE/DESCRIPTION Disinfectant, Sanitizer, Deodorizer Concentrate

FOR MEDICAL AND TRANSPORTATION EMERGENCIES 24 Hour INFOTRAC (US and CANADA): 800-535-5053 REVISION DATE rate October 19, 2009



# 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	5	NE	NE	NE	NE
Alkyl dimethyl ethyl benzyl ammonium chloride	68956-79-6	5	NE	NE	NE	NE

# **3. HAZARDS IDENTIFICATION**

Eyes: Corrosive. Severe eye damage can result from direct contact.

Skin: May cause irritation.

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

**Ingestion:** Harmful if swallowed. Burning pain in the mouth, throat, abdomen, severe swelling of the larynx, skeletal muscle paralysis affecting the ability to breathe, circulatory shock, convulsions.

#### 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. Rinse skin immediately with plenty of water for 15-20 minutes.

Call a poison control center or doctor for treatment advice.

Inhalation: Remove to fresh air. Apply CPR if needed. If irritation persists, call a physician or poison center.

**Ingestion:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

#### **5. FIRE FIGHTING MEASURES**

Flash Point (TCC): None

Flame Projection (Aerosol): NA

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

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

Extinguishing Media: Dry chemical; water fog; CO2; foam

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

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

### 6. ACCIDENTAL RELEASE MEASURES

Small Spills: Mop up and flush away with water or absorb and incinerate. Large Spills: Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.

# 7. HANDLING AND STORAGE

Keep containers tightly closed; store in a cool, dry place. Do not let containers freeze, as they may split or rupture.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses
Skin: Chemical resistant gloves
Respiratory: None required if good ventilation is maintained. For mist or vapor, wear NIOSH 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:
 0.99 (H2O=1)
 Vapor Pressure:
 ND
 Melting Point:
 ND

 Vapor Density:
 ND
 Evaporation Rate:
 Approx. 1 (BA=1) Solubility in Water:
 Soluble
 pH:
 6-8

 Appearance and Odor:
 Clear, colorless and odorless liquid
 Clear, colorless and odorless
 Clear
 Clear

#### **10. STABILITY AND REACTIVITY**

Hazardous Polymerization: Will not occur.
 Hazardous Decomposition: When strongly heated, as in a fire, this product may produce toxic hydrogen chloride fumes, oxides of carbon and nitrogen.
 Chemical Stability: Stable
 Incompatibility: Do not mix with oxidizing agents such as bleach, anionic soaps and detergents.

#### 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? None

#### **12. ECOLOGICAL INFORMATION**

ND

# **13. DISPOSAL CONSIDERATIONS**

Consult your local, state and federal regulations for proper disposal guidelines. Disposal regulations may be different for each state and/or locality.

#### 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.

# UNITED 64 BACFIGHTER

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