

Issue Date: 05-Sep-2014

Revision Date: 10-Jul-2015

Version 2

1. IDENTIFICATION

Product Identifier

Product Name United 64 BACFIGHTER

Other means of identification

SDS # UNITED-64

Registration Number(s) EPA reg. No. 10324-63-9250
UN/ID No UN1903

Recommended use of the chemical and restrictions on use

Recommended Use Disinfectant. Sanitizer. Fungicide. Virucide.
Uses Advised Against For industrial and institutional use only.

Details of the supplier of the safety data sheet

Supplier Address

United Laboratories, Inc.
320 37th Avenue
St. Charles, IL 60174
www.unitedlabsinc.com
www.unitedlabsinc.ca

Emergency Telephone Number

Company Phone Number 800-323-2594 (to reorder)
Emergency Telephone (24 hr) INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

2. HAZARDS IDENTIFICATION

Appearance Clear, colorless liquid

Physical State Liquid

Odor Odorless

Classification

Skin corrosion/irritation	Category 1 Sub-category C
Serious eye damage/eye irritation	Category 1

Signal Word

Danger

Hazard Statements

Causes severe skin burns and eye damage. Causes serious eye damage.



Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray.
 Wash face, hands and any exposed skin thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Immediately call a poison center or doctor/physician.
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 Wash contaminated clothing before reuse.
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 Immediately call a poison center or doctor/physician.
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Precautionary Statements - Storage

Store locked up.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant.

Unknown Acute Toxicity

11.48% of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Alkyl dimethyl benzyl ammonium chloride	53516-76-0	Proprietary
Alkyl (C12-14) dimethyl (Ethylbenzyl) ammonium chloride	68956-79-6	Proprietary

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes.
Inhalation	Remove to fresh air.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects

Symptoms	Not determined.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical. Water spray (fog). Carbon dioxide (CO2). Foam.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Heating may cause release of hazardous gases.

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

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. All containers should be cooled with water to prevent vapor pressure build up.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up 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

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Do not breathe mist or vapor. Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Do not taste or swallow.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Do not let containers freeze as they may split or rupture.

Incompatible Materials Do not mix with oxidizing agents such as bleach, anionic soaps and detergents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Appropriate engineering controls

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

Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses.

Skin and Body Protection	Chemical resistant protective gloves.
Respiratory Protection	None required if good ventilation is maintained. For mist or vapor, wear NIOSH approved respirator.
General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.	

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Odor	Odorless
Appearance	Clear, colorless liquid	Odor Threshold	Not determined
Color	Clear		
Property	Values	Remarks • Method	
pH	6-8		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	100 °C / 212 °F		
Flash Point	None		
Evaporation Rate	Approximately 1	(BA=1)	
Flammability (Solid, Gas)	Liquid- Not applicable		
Upper Flammability Limits	Not available		
Lower Flammability Limit	Not available		
Vapor Pressure	Not determined		
Vapor Density	Not determined		
Specific Gravity	0.99	(Water = 1)	
Water Solubility	Soluble in water		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Auto-ignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Kinematic Viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		
VOC content	None		

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

Under normal conditions of storage and use, hazardous polymerization will not occur.

Conditions to Avoid

Excessive heat or cold. Incompatible Materials.

Incompatible Materials

Do not mix with oxidizing agents such as bleach, anionic soaps and detergents.

Hazardous Decomposition Products

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

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact	Avoid contact with eyes. Causes serious eye damage.
Skin Contact	Avoid contact with skin.
Inhalation	Do not inhale. May cause irritation to the respiratory system.
Ingestion	Do not ingest.

Component Information

Alkyl Dimethyl Benzyl ammonium chloride CAS 53516-76-0
Acute-Dermal LD50 3560 mg/kg Acute-Oral LD50 430 mg/kg
Alkyl (C12-14) dimethyl(Ethylbenzyl) ammonium chloride CAS 68956-79-6
Acute-Dermal LD50 3560 mg/kg Acute-Oral LD50 430 mg/kg

Information on physical, chemical and toxicological effects

Symptoms	Please see section 4 of this SDS for symptoms.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, ACGIH or NTP.
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Numerical measures of toxicity

Not determined

Unknown Acute Toxicity	11.48% of the mixture consists of ingredient(s) of unknown toxicity.
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12. ECOLOGICAL INFORMATION

Ecotoxicity

Not determined.

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
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Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. Shipping in single gallons or less than in a container under DOT may be shipped: Consumer Commodity ORM-D until 1-1-2020.

DOT

UN/ID No	UN1903
Proper Shipping Name	Disinfectant, liquid, corrosive, n.o.s. (Quaternary Ammonium Compounds)
Hazard Class	8
Packing Group	III

IATA

UN/ID No	UN1903
Proper Shipping Name	Disinfectant, liquid, corrosive, n.o.s. (Quaternary Ammonium Compounds)
Hazard Class	8
Packing Group	III

IMDG

UN/ID No	UN1903
Proper Shipping Name	Disinfectant, liquid, corrosive, n.o.s. (Quaternary Ammonium Compounds)
Hazard Class	8
Packing Group	III

15. REGULATORY INFORMATION

International Inventories

TSCA	Listed
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Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

US Federal Regulations

SARA 313

Not regulated.

US State Regulations

California Proposition 65

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

U.S. State Right-to-Know Regulations

Not determined

FIFRA Information This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Listed below is the hazard information as required on the pesticide label.

Signal word DANGER
KEEP OUT OF REACH OF CHILDREN

Hazard statement Corrosive. Causes irreversible eye damage and skin burns. May be fatal if swallowed or inhaled. Harmful if absorbed through the skin.

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards Not determined	Flammability Not determined	Instability Not determined	Special Hazards Not determined
<u>HMIS</u>	Health Hazards 2	Flammability 0	Physical Hazards 0	Personal Protection B

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Revision Note: New format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet