



MATERIAL SAFETY DATA SHEET

Date Issued: 03/31/2009
MSDS No: 0798

Germ-A-Cide 64

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Germ-A-Cide 64
PRODUCT CODE: 0798

MANUFACTURER

Detco Industries, Inc.
PO Box 430
Conway AR 72033
Service Number: (800) 282-2133

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (US Transportation) :(800) 424 - 9300

EPA REG. NO.: 47371-131-58111

2. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: May cause burning, inflammation, intense watering, irreversible eye damage.

SKIN: May cause skin irritation.

INGESTION: Harmful if swallowed.

INHALATION: May cause irritation to respiratory tract.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS	EINECS
Tetrasodium Ethylene Diamine Tetra Acetic Acid	< 1%	000064-02-8	200-573-9
Ethylene Diamine Tetra Acetic Acid	< 1%	000060-00-4	200-449-4
N-alkyl Dimethylbenzyl Ammonium Chloride	1 - 2%	008001-54-5	- -
Didecyl Dimethyl Ammonium Chloride	2 - 5%	007173-51-5	- -
Ethanol	< 1%	000064-17-5	200-578-6

4. FIRST AID MEASURES

EYES: Flush eyes with water for at least 15 minutes. If pain and/or irritation persists, get medical attention.

SKIN: Flush affected area with water for 15 minutes. Remove contaminated clothing. If pain and/or irritation persists, get medical attention. Launder clothes before reusing.

INGESTION: Do not induce vomiting. Give 2 glasses of water. Get immediate medical attention.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: > (200°F) (Calculated)

FLAMMABLE LIMITS: N/D to N/D

GENERAL HAZARD: None.

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Contain spill. Absorb liquid and place in sealed container for disposal.

7. HANDLING AND STORAGE

STORAGE: Store in a tightly closed container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		SupplierOEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Ethanol	TWA	1000 ppm	1900 mg/m ³	1000 ppm	1884 mg/m ³	NL	NL
	STEL	ppm	mg/m ³	ppm	mg/m ³	NL	NL

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields (or goggles).

SKIN: Wear rubber or nitrile gloves.

RESPIRATORY: None.

PROTECTIVE CLOTHING: None.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Lemon

COLOR: Yellow

pH: 7.20 to 8.20

FLASHPOINT AND METHOD: > (200°F) (Calculated)

SOLUBILITY IN WATER: Soluble

SPECIFIC GRAVITY: 0.999 to 1.001

10. STABILITY AND REACTIVITY

STABILITY: Stable.

POLYMERIZATION: Will not occur.

INCOMPATIBLE MATERIALS: None

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)
N-alkyl Dimethylbenzyl Ammonium Chloride	590	2000
Didecyl Dimethyl Ammonium Chloride	450	3342

CARCINOGENICITY

Chemical Name	IARC Status
Ethanol	1

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Not available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not regulated by DOT

15. REGULATORY INFORMATION

UNITED STATES

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt. %	CERCLA RQ
Ethylene Diamine Tetra Acetic Acid	< 1%	5,000 lbs.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Tetrasodium Ethylene Diamine Tetra Acetic Acid	000064-02-8
Ethylene Diamine Tetra Acetic Acid	000060-00-4
Didecyl Dimethyl Ammonium Chloride	007173-51-5
Ethanol	000064-17-5

16. OTHER INFORMATION

PREPARED BY: espicer

REVISION SUMMARY: New MSDS

HMIS RATING

HEALTH:	2
FLAMMABILITY:	0
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	B

NFPA CODES

