



Triad III (CAN)

HMIS		NFPA	Personal protective equipment
Health	3	3	
Flammability	0	0	
Physical Hazard / Instability	0	0	

Version Number: 0

Preparation date: 2011-08-25

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Triad III (CAN)

MSDS #: MS0300962
Product Code: 3143445, 3164449
Recommended use: Disinfectant Cleaner. This product is intended to be diluted prior to use.

Manufacturer, importer, supplier:
 US Headquarters: Diversey, Inc. 8310 16th St. Sturtevant, Wisconsin 53177-1964
 Phone: 1-888-352-2249
 MSDS Internet Address: www.diversey.com
 Canadian Headquarters: Diversey, Inc. - Canada 2401 Bristol Circle Oakville, Ontario L6H 6P1
 Phone: 1-800-668-3131

Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
 DANGER. CORROSIVE. CAUSES SKIN AND EYE BURNS. HARMFUL OR FATAL IF SWALLOWED.

Principal routes of exposure: Eye contact. Skin contact. Inhalation.
Eye contact: Corrosive. Causes permanent eye damage, including blindness.
Skin contact: Corrosive. Causes permanent damage.
Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract.
Ingestion: Corrosive. Causes burns to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
N-alkyl Dimethyl Benzyl Ammonium Chloride	68424-85-1	0 - 10%	426	Not available	Not available

4. FIRST AID MEASURES

Eye contact: Immediately flush eyes with running water for 15-20 minutes, keeping eyelids open. Get medical attention immediately.
Skin contact: Rinse immediately. Remove contaminated clothing and wash skin thoroughly with soap and water. Continue flushing for 15-20 minutes. Get medical attention immediately.
Inhalation: If breathing is affected, remove to fresh air. If person is not breathing, call 911 or an ambulance and then give artificial respiration, preferably by mouth to mouth, if possible. Get medical attention immediately.
Ingestion: If swallowed, rinse mouth. Give a cupful of water or milk. Do not induce vomiting. THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. Never give anything by mouth to an unconscious person.
Notes to physician: Probable mucosal damage may contraindicate the use of gastric lavage.
Aggravated Medical Conditions: Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	The product is not flammable. Extinguish fire using agent suitable for surrounding fire.
Specific hazards:	Not applicable
Unusual hazards:	Corrosive material (See sections 8 and 10).
Specific methods:	No special methods required

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Extinguishing media which must not be used for safety reasons: No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Use personal protective equipment
Environmental precautions and clean-up methods:	Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use appropriate containment to avoid environmental contamination.

7. HANDLING AND STORAGE

Handling:

Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Mix only with water. Do not mix with any other product or chemical. May react to release hazardous gases. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage:

Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels Respiratory protection is not required if good ventilation is maintained.

Personal Protective Equipment

Eye protection:	Chemical-splash goggles.
Hand protection:	Chemical-resistant gloves
Skin and body protection:	Protective footwear. If major exposure is possible, wear suitable protective clothing and footwear.
Respiratory protection:	In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid	Bulk density: No information available
Appearance: Liquid	Evaporation Rate: No information available
Specific gravity: 1.077	Color: Clear Green
Vapor density: No information available	Odor: Minty
Boiling point/range: Not determined	Melting point/range: Not determined
Decomposition temperature: Not determined	Autoignition temperature: No information available
Solubility: Completely Soluble	Density: 8.98 lbs/gal 1.077 Kg/L
Solubility in other solvents: No information available	Flash point: > 200 °F > 93.4 °C
Partition coefficient (n-octanol/water): No information available	Viscosity: No information available
Elemental Phosphorus: 1.21 % by wt.	VOC: 0.9 % *
pH: 13.1	Dilution pH: 11.0 @ 1:64
Explosion limits: - upper: Not determined - lower: Not determined	

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Stability:	The product is stable
Polymerization:	Hazardous polymerization does not occur

Hazardous decomposition products: None reasonably foreseeable.
Materials to avoid: Strong acids.
Conditions to avoid: Do not freeze.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Corrosive. Oral LD50 estimated to be > 2000 mg/kg. Dermal LD50 estimated to be greater than 5000 mg/kg.
Component Information: See Section 3
Chronic toxicity: None known
Specific effects
Carcinogenic effects: None known
Mutagenic effects: None known
Reproductive toxicity: None known
Target organ effects: None known

12. ECOLOGICAL INFORMATION

Environmental Information: No data available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Undiluted product is regulated under environmental and transportation laws as a corrosive waste. Pesticide product disposal requirements vary by package size and type. Pesticides include disinfectants and sanitizers. See product label for complete disposal instructions. Always dispose of according to all federal, state and local applicable regulations.

14. TRANSPORT INFORMATION

DOT/TDG/IMDG: Please refer to the Diversey HazMat Library, <http://naextranet.diverseymat.com/dot/>, for up to date shipping information.

DOT Bill of Lading Description: LTD. QTY.

IMDG Bill of Lading Description: UN1903, DISINFECTANTS, LIQUID, CORROSIVE, N.O.S., (quaternary ammonium compounds), 8, III, LTD. QTY.

15. REGULATORY INFORMATION

International Inventories at CAS# Level

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

Canada

WHMIS hazard class: Exempt

DIN No. : 02248025

16. OTHER INFORMATION

Reason for revision: Not applicable
Prepared by: NAPRAC
Additional advice: • Contains an added fragrance, see "Odor" heading in section 9 for specific description

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