



Titan(TM) Tabs Sporicidal Disinfectant Cleaner

Revision: 2020-08-27

Version: 01.0

Product name:	Titan(TM) Tabs Sporicidal Disinfectant Cleaner
Product Code:	101102693
SDS #:	MS0801589
Recommended use:	<ul style="list-style-type: none"> • Industrial/Institutional • Disinfectant Cleaner • This product is intended to be used neat.
Uses advised against:	Uses other than those identified are not recommended

Manufacturer, importer, supplier:	Canadian Headquarters
US Headquarters	Diversey Canada, Inc.
Diversey, Inc.	6150 Kennedy Road Unit 3
1300 Altura Rd., Suite 125	Mississauga, Ontario L5T 2J4
Fort Mill, SC 29708	Phone: 1-800-668-7171
Phone: 1-888-352-2249	
SDS Internet Address: https://sds.diversey.com	

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

2. HAZARDS IDENTIFICATION

Classification for the undiluted product

Serious eye damage/eye irritation	Category 1
Specific target organ toxicity (single exposure)	Category 3



Signal word:

Danger.

Hazard Statements

MAY CAUSE RESPIRATORY IRRITATION. CAUSES SERIOUS EYE DAMAGE.

Precautionary Statements

Causes burns/ serious damage to mouth, throat and stomach. Avoid breathing dust. Avoid contact with eyes, skin and clothing. Wash affected areas thoroughly after handling. Use only in a well-ventilated area. Wear chemical-splash goggles and chemical-resistant gloves. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Immediately call a Poison Center (1-800-851-7145) or physician. Store in a well-ventilated place. Keep container tightly closed. Dispose of in accordance with all federal, state and local applicable regulations.

Health hazards not otherwise classified (HHNOC) - Not applicable

Physical hazards not otherwise classified (PHNOC) - Not applicable

Classification for the diluted product @ 1:230

This product, when diluted as stated on the label, is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS) and Canadian Hazardous Products Regulations (HPR) (WHMIS 2015-GHS).

Hazard and Precautionary Statements

None required.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Classified Ingredients

Ingredient(s)	CAS #	Weight %
Sodium dichloroisocyanurate	2893-78-9	30 - 60%
Adipic acid	124-04-9	10 - 30%
Sodium carbonate	497-19-8	5 - 10%
Surfac SDBS80	NAFM012993	1 - 5%

4. FIRST AID MEASURES

Undiluted Product:

Eyes: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes.

Skin: No specific first aid measures are required.

Inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Ingestion: IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water.

Most Important Symptoms/Effects: No information available.

Immediate medical attention and special treatment needed Not applicable.

Diluted Product:

Eyes: Rinse with plenty of water.

Skin: No specific first aid measures are required

Inhalation: No specific first aid measures are required

Ingestion: IF SWALLOWED: Call a Poison Center (1-800-851-7145) or doctor/physician if you feel unwell.

5. FIRE-FIGHTING MEASURES

Specific methods:

No special methods required

Suitable extinguishing media: The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

Specific hazards: Corrosive material (See sections 8 and 10).

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:

Put on appropriate personal protective equipment (see Section 8.).

Environmental precautions and clean-up methods:

Clean-up methods - large spillage. Material is toxic to fish. Do not discharge into lakes, streams, ponds, or public water unless in accordance with an NPDES permit. Prevent product from entering drains.

Water runoff can cause environmental damage. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

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

Storage: Keep tightly closed in a dry, cool and well-ventilated place.

Aerosol Level (if applicable) : Not applicable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

Ingredient(s)	CAS #	ACGIH	OSHA
Adipic acid	124-04-9	5 mg/m ³ (TWA)	

Undiluted Product:

Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

It is the responsibility of the employer to determine the potential risk of exposure to hazardous chemicals for employees in the workplace in order to determine the necessity, selection, and use of personal protective equipment.

Eye protection:

Chemical-splash goggles.

Hand protection:

Chemical-resistant gloves.

Skin and body protection:

No personal protective equipment required under normal use conditions.

Respiratory protection:

No personal protective equipment required under normal use conditions.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

Diluted Product:

Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

Eye protection:

No personal protective equipment required under normal use conditions.

Hand protection:

No personal protective equipment required under normal use conditions.

Skin and body protection:

No personal protective equipment required under normal use conditions.

Respiratory protection:

No personal protective equipment required under normal use conditions.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Tablet

Color: Light, White Off-White

Evaporation Rate: No information available

Odor: Chlorine

Odor threshold: No information available.

Boiling point/range: Not determined

Melting point/range: Not determined

Decomposition temperature: Not determined

Autoignition temperature: No information available

Solubility: No information available

Solubility in other solvents: No information available

Relative Density (relative to water): 0.9

Density: Specific gravity: 0.9 Kg/L

Vapor density: No information available

Bulk density: No information available

Vapor pressure: No information available.

Flash point (°F): Not applicable

Partition coefficient (n-octanol/water): No information available

Viscosity: No information available

Elemental Phosphorus: - % by wt.

VOC: 0 % *

pH: ≈ Not applicable 7

Flammability (Solid or Gas): Not applicable

Sustained combustion: Not applicable

Explosion limits: - upper: Not determined - lower: Not determined

Dilution pH:

≈ 7

Dilution Flash Point (°F): Not applicable

VOC % by wt. at use dilution: 0 %

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

10. STABILITY AND REACTIVITY

Reactivity:

Not Applicable

Stability:

The product is stable

Hazardous decomposition products:

None reasonably foreseeable.

Materials to avoid:

Do not mix with any other product or chemical unless specified in the use directions.

Conditions to avoid:

None known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Skin contact, Inhalation, Ingestion, Eye contact

Delayed, immediate, or chronic effects and symptoms from short and long-term exposure

Skin contact: Unlikely to be irritant in normal use.

Eye contact: Corrosive. Causes serious eye damage. Symptoms may include pain, burning sensation, redness, watering, blurred vision or loss of vision.

Ingestion: Causes burns/ serious damage to mouth, throat and stomach. Symptoms may include stomach pain and nausea.

Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract. Symptoms may include coughing and difficulty breathing.

Sensitization: No known effects.

Target Organs (SE): No information available

Target Organs (RE): None known

Numerical measures of toxicity

ATE - Oral (mg/kg): 3000

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

13. DISPOSAL CONSIDERATIONS

Do not contaminate water, food, or feed by storage or disposal.

Waste from residues / unused products (undiluted product):

This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

Waste from residues / unused products (diluted product):

This product, when diluted as stated on this SDS, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

Pesticide Storage:

Refer to product label.

Pesticide Disposal:

Refer to product label.

Container Disposal:

Refer to product label.

RCRA Hazard Class (undiluted product): Not Regulated.

RCRA Hazard Class (diluted product): Not Regulated.

14. TRANSPORT INFORMATION

DOT/TDG/IMDG: The information provided below is the full transportation classification for this product. This description does not account for the package size(s) of this product, that may fall under a quantity exception, according to the applicable transportation regulations. When shipping dangerous goods, please consult with your internal, certified hazardous materials specialist to determine if any exceptions can be applied to your shipment.

DOT (Ground) Bill of Lading Description: UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.,(sodium dichloroisocyanurate), 9, III

IMDG (Ocean) Bill of Lading Description: UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.,(sodium

15. REGULATORY INFORMATION

International Inventories at CAS# Level

TSCA	All components are listed or otherwise exempt
DSL	All components are listed or otherwise exempt

U.S. Regulations

EPA Reg. No. : 71847-7-70627

This chemical is a pesticide product registered by the United States 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 (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

DANGER: CORROSIVE. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear chemical splash-proof goggles or face shield, rubber gloves and protective clothing. Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Adipic acid	124-04-9	10 - 30%	5000		

Canadian Regulations

Ingredient(s)	CAS #	NPRI
Adipic acid	124-04-9	X

16. OTHER INFORMATION

NFPA (National Fire Protection Association)

Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 3

Flammability 0

Instability 0

Special Hazards -

Diluted Product:

Health 0

Flammability 0

Instability 0

Special Hazards -

Revision: 2020-08-27

Version: 01.0

Reason for revision:

Not applicable

Prepared by:

North American Regulatory Affairs

Additional advice:

• Does not contain an added fragrance

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