

# Safety Data Sheet

Revision Date: 03-April-2020

Version 1.0

1. IDENTIFICATION			
Product Identifier			
Product Name	Dutrion Tablet End Use		
Other means of identification			
SDS #	Dutrion-001		
Recommended use of the chemical			
Recommended Use	Hard Surface Disinfectant, Swimming Pool & Spa, Odor/Mildew/ Mold, Fungus, Algae, Municipal Water/Wastewater Treatment, Industrial Process Water, Disinfect Food and Industrial Processing Equipment & Facilities, Disinfect Farm and Agricultural Equipment & Facilities		
Details of the supplier of the safety da	ta sheet		
Supplier Address			
Dutrion North America Ltd			
Box 175, Ferintosh, AB			
TOB 1MO Canada			
info@dutrion.net			
Emergency Telephone Number			
Company Phone Number	1-780-361-2114		
Emergency Telephone (24 hr)	ChemTel: USA and Canada 1-888-255-3924 Outside the USA: (+01)-813-248-585		
	2. HAZARDS IDENTIFICATION		

Emergency OverviewDutrion Tablet is a 1 gram (0.035 oz) or 20 gram (0.71 oz) tablet comprised of 20% Sodium ChloriteTechnical 80 PCT as the known active with the remaining inert ingredients acting as desiccants, effervescent agents, stabilizers,<br/>binders, and pelleting auxiliary agents as necessary.In its end use form, Dutrion Tablet is diluted to 1-1,000 ppm and therefore is<br/>not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).Appearance Tablet dissolved into waterPhysical state LiquidOdor Slight chlorine<br/>Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS					
Chemical Name	CAS No.	Weight-%			
Dutrion Tablet	Proprietary	1-1,000 ppm			

\*\*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				
General Advice	The following first aid information applies to an exposure of Dutrion Tablet before dilution.			
	Adverse reaction to the end use product is not expected. When possible, have the product container or label with you when calling a poison control center or doctor or going for treatment.			
Eye Contact	Hold eye open and rinse slowly and gently with water for 15 to 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 Contact	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.			
Inhalation	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.			
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.			

## Most important symptoms and effects

Symptoms	Prior to dilution, Dutrion Tablet is corrosive to the skin, eyes, and respiratory tract. Adverse reaction to the end use product is not expected.
Notes to Physician	Probable mucosal damage may contraindicate the use of gastric lavage if undiluted Dutrion Tablet is accidentally ingested.

# 5. FIRE-FIGHTING MEASURES

# Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media None known.

Specific Hazards Arising from the Chemical

None known.

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.

6. ACCIDENTAL RELEASE MEASURES			
Personal precautions, protective equ	lipment and emergency procedures		
Personal Precautions	Dutrion Tablet End Use dilutions do not require personal protective equipment, however wet floors due to spilled product may be slippery. Exercise caution during clean-up to avoid falls.		
For Emergency Responders	Follow all fire fighting procedures in Section 5.		
Environmental precautions Environmental precautions	See Section 12 for additional Ecological Information.		
Methods and material for containme	ent and cleaning up		
Methods for Containment	Prevent further leakage or spillage if safe to do so.		
Methods for Clean-Up	Keep in suitable, closed containers for disposal.		
7. HANDLING AND STORAGE			
Precautions for safe handling			
Advice on Safe Handling	Add slowly all contents in the foil package to the amount of water in the container; Do not inhale above open foils and do not inhale above open container. Close container quick and tightly. Do not stir or mix the water or shake the container Wait according to timetable instructions: After reaction time; shake small containers gently, or stir/mix larger containers slowly Always be aware of CLO2 fumes during this mixing. Stock solution with liquid chlorine dioxide is now ready for dosing.		

# Conditions for safe storage, including any incompatibilities

Storage Conditions	Dutrion Tablets should be stored in tightly sealed original container in a cool, dark, well- ventilated room.
Incompatible Materials	None known based on information supplied.
	8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Exposure Guidelines	Dutrion Tablet End Use dilutions are not known to contain any materials with established occupational exposure limits.
Appropriate engineering controls Engineering Controls	None under normal use conditions.
Individual protection measures, such	as personal protective equipment
Eye/Face Protection	None under normal use conditions.
Skin and Body Protection	None under normal use conditions.
Respiratory Protection	None under normal use conditions.
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 Appearance Color	Liquid Tablet dissolved into water Clear	Odor Odor Threshold	Slight chlorine Not determined
Property	Values	Remarks • Method	
pH	Not determined		
Melting point / freezing point	Not determined		
Boiling Point / Boiling Range	Not determined		
Flash Point	Not determined		
Evaporation Rate	Not determined		
Flammability (Solid, Gas)	Not determined		
Flammability Limit in Air			
Upper/Lower Flammability Limit	Not determined		
Vapor Pressure	Not determined		
Vapor Density	Not determined		
Relative Density	Not determined		
Water Solubility	Not determined		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Autoignition temperature	Not determined		
Decomposition Temperature	Not determined		
Kinematic Viscosity	Not determined		
, Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		

# 10. STABILITY AND REACTIVITY

#### Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions None under normal processing.

<u>Conditions to Avoid</u> Keep out of reach of children.

<u>Incompatible Materials</u> None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION				
Information on likely routes of exp	<u>bosure</u>			
Product Information	Dutrion Tablet End Use dilutions do not present an acute toxicity hazard based on known or supplied information			
Eye Contact	Not expected to be an eye irritant during prescribed use.			
Skin Contact	Not expected to be a skin irritant during prescribed use.			
Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation			
	hazard.			
Ingestion	Not expected to present a hazard by ingestion during prescribed use.			

**Component Information** 

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50	
Dutrion Tablet	> 90 mL/kg ( Rat )	-	-	

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity

Not applicable due to form of the product.

12. ECOLOGICAL INFORMATION

## **Ecotoxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence/Degradability Not determined.

Bioaccumulation Not determined.

## Mobility Not determined

#### Other Adverse Effects Not determined

13. DISPOSAL CONSIDERATIONS				
Disposal should be in accordance with applicable regional, national and local laws and regulations.				
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14. TRANSPORT INFORMATION				
Dutrion Tablet End Use dilutions are not intended to be transported.				
Not applicable				
Not applicable				
Not applicable				

			ID. NEGO	JLATUNTI	VFUNIVIATI	UN			
International Inventories									
Chemical Name	TSCA	DSL/NDSL	EINECS/E	ENCS	IECSC	KECL	PICCS	AICS	
			LINCS					ļ	
Dutrion Tablet	Х	Х	Х	Х	Х	Present	Х	Х	

#### Legend:

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

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

#### US Federal Regulations

CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act): This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42) US State Regulations

California Proposition 65: This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations: This product does not contain any substances regulated under applicable state right-to-know regulations

16. OTHER INFORMATION					
NFPA	Health Hazards O	Flammability 0	Instability 0	Special Hazards None	
HMIS	Health Hazards O	Flammability O	Physical hazards O	Personal Protection See Section 8	
Issue Date: Revision Date: Revision Note:	03-April-2020 03-April-2020 End use safety information				

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 a 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