

SAFETY DATA SHEETS

This SDS packet was issued with item:

078853906

N/A

Safety Data Sheet

SECTION I – Chemical Product and Company Identification

Date Printed: 01/27/2014

Prepare date: 12/27/2006

SDS Inv.# 1169C
Revision 1

Stone Product #: 47300

Product Name: Podi-Clo2 Green (Gel) – 1:1 mixture of Part (A) and Part (B)

Synonyms: Sodium Chlorite, Chlorous acid, chlorine dioxide, phosphoric acid.

Chemical: Oxidant

Case no.: 7758-19-2 (sodium chlorite), 10049-04-4 (chlorine dioxide), 7664-38-2 (phosphoric acid)

Supplier:

Stone Mfg. & Supply Co.

1212 Kansas Ave.

Kansas City, MO 64127

Ph. 816-231-4020(for information only)
(SMFG)

IN CASE OF CHEMICAL EMERGENCY CALL CHEMTREC

For domestic shipments in USA/North America use 800-424-9300

For shipments outside USA use 703-527-3887 (collect calls accepted)

Manufacturer:

Frontier Pharmaceutical, Inc.

Id No.: PCG-03

Section II – Composition / Information on Hazardous Ingredients

Not applicable

Section III – Physical Data

Boiling Point at 1 ATM.: NA

Evaporation Rate: NA

Vapor Pressure: NA

Specific Gravity: NA

Viscosity: 14,000cp

Vapor Density (AIR): NA

pH @ 25°C: 3.6

Appearance and odor: White-yellowish gel, turns yellow within about 5 minutes after parts A and B are mixed.

Water Solubility: Partial

Section IV – Fire & Explosion Data

Flash Point & Method: NA

Auto Ignition Temp.: NA

Flammability Limit (AIR): NA

Special Fire-Fighting procedure: none

Extinguishing Media: The solution will not burn. Use water to cool fire-exposed containers

Unusual Fire Explosion Hazard: None

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Section V – Reactivity Data

Liberation of Clo₂ gas: When Parts A and B are mixed, chlorine dioxide is generated. The concentration of chlorine dioxide will increase over a ten-minute time span.

Stability: In general, chlorine dioxide is unstable and will evaporate over time. The rate of gas-off is determined by the surface area and the temperature of the gel. If kept in a closed environment, the chlorine dioxide will be maintained for longer periods of time.

Condition to Avoid: Temperature exceeding 120°F (49°C).

Hazardous Decomposition Products: Excessive levels of Chlorine dioxide gas may be generated if large quantities are combined with bleach or strong acids.

Hazardous Polymerization: Will not occur

Section VI – Health Hazard Information

Threshold limit Value (TLV): NA

Effects of Overexposure: NA

Eye Contact: Flush immediately with water. Get medical attention, if irritation persists.

Skin Contact: Highly unlikely to be absorbed through skin in toxic amounts. Acute dermal LD₅₀ >2,020 mg/kg (sodium chlorite). Acute dermal rat LD₅₀ >2,000 mg/kg (chlorine dioxide). Wash with water if irritation occurs.

Inhalation: Not a concern under normal use conditions. Continuous exposure to high levels of chlorine dioxide gas can be irritating or hazardous. If strong odor or mucous membrane irritation is noted, move away from the area into fresh air.

Ingestion: Rat Oral LD₅₀ 4,360mg/kg (sodium chlorite). Rat Oral LD₅₀ males 2.25g/kg, females 0.78 g/kg (chlorine dioxide). Ingestion in large quantities may produce gastric discomfort, nausea, vomiting, and diarrhea. Give milk or water to drink. Do not induce vomiting.

Section VII – Spill, Leak, and Disposal Procedures

Spill, Leaks: (Steps to be taken) Flush spills with water.

Wastes Disposal Method: Dilute with water and flush down drain.

Section VIII – Special Protection Information

Respiratory Protection: (Specify Type) Unnecessary

Ventilation: Open air or good room ventilation is adequate for safe use of this product. Leave area for a few minutes if excessive level of chlorine dioxide gas is generated should the product be exposed to bleach or strong acids.

Protective Gloves: not required

Eye Protection: Avoid contact with eye

Other Protective Equipment: None

Section IX – Special Precautions and Comments

Storage & Handling Information: Keep out of reach of children.

Other Precautions: Parts A and B should only be mixed at the time of use. Mixture will bleach clothing.

Section X– HMIS Ratings

HMIS Rating – Health: **Flammability:** **Reactivity:**

Section XI – Transportation and Storage (SARA)

SARA Section 313: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and CFR Part 372

-----Chemical Name-----	CASE#	wt/wt% is less than
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No SARA Section 313 components exist in this

product. Previous SDS Revision Date:

Legend: NA – not applicable
 ND – not determined
 NE – not established

Section XI – Transportation and Storage (DOT)

Transportation and Storage: If container is damaged in transit Part (A) and (B) could become mixed causing a potentially hazardous condition.

DOT Classification:

Section XII – Other Regulatory Information

Other Regulatory Information: Disclaimer: The forgoing information has been compiled from sources believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance of need that data is correct. Standards change without notice. It is the responsibility of the recipient to assure that their personnel have been notified of any changes, which may affect them. The data provided on this SDS is not meant to be used as specification, only as guideline information as to the safe use of the product. User should refer to applicable laws before use.

Proposition 65 Statement: No Information.

This SDS complies with guidelines set by 29 CFR 1910.1200 It is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.

Safety Data Sheet

SECTION I – Chemical Product and Company Identification

Date Printed: 01/27/2014

Prepare date: 12/27/2006

SDS Inv.# 1169A
Revision 1

Stone Product #: 47300
Product Name: Podi-Clo2 Green (Gel) – (Part A)
Synonyms: Sodium Chlorite (sodium salt of Chlorous acid)
Chemical: Oxidant Salt
Case no.: 7758-19-2 (sodium chlorite)

Supplier:

Stone Mfg. & Supply Co.
1212 Kansas Ave.
Kansas City, MO 64127
Ph. 816-231-4020(for information only)
(SMFG)

IN CASE OF CHEMICAL EMERGENCY CALL CHEMTREC

For domestic shipments in USA/North America use 800-424-9300
For shipments outside USA use 703-527-3887 (collect calls accepted)

Manufacturer:

Frontier Pharmaceutical, Inc.
Id No.: PCG-01

Section II – Composition / Information on Hazardous Ingredients

Not applicable

Section III – Physical Data

Boiling Point at 1 ATM.: NA
Evaporation Rate: NA
Vapor Pressure: NA
Specific Gravity: NA
Viscosity: 18,000cp
Vapor Density (AIR): NA
pH @ 25°C: 12.4
Appearance and odor: translucent tan gel.
Water Solubility: Partial

Section IV – Fire & Explosion Data

Flash Point & Method: NA
Auto Ignition Temp.: If solution is allowed to dry on organic material, fire may result.
Flammability Limit (AIR): NA
Special Fire-Fighting procedure: none
Extinguishing Media: The solution will not burn. Use water to cool fire-exposed containers
Unusual Fire Explosion Hazard: None

Continued on page 2 of 3 pages

Section V – Reactivity Data

Stability: Stable

Condition to Avoid: Exposure to direct sunlight. Temperature exceeding 120°F (49°C). Contact with organic material may result in the formation of highly reactive and flammable compound.

Hazardous Decomposition Products: Chlorine dioxide gas may be generated when combined with bleach, strong acids or peroxides.

Hazardous Polymerization: Will not occur

Section VI – Health Hazard Information

Threshold limit Value (TLV): NA

Effects of Overexposure: NA

Eye Contact: Flush immediately with water. Get medical attention, if irritation persists.

Skin Contact: Highly unlikely to be absorbed through skin in toxic amounts. Acute dermal LD₅₀ >2,020 mg/kg (sodium chlorite). Wash with soap and water.

Inhalation: Exposure to large amount of chlorine dioxide gas generated by contact of chlorite (part A) with concentrated strong acids, hypochlorite (bleach) or peroxide requires removal of individual to fresh air and possible medical attention.

Ingestion: Rat Oral LD₅₀ 4,360mg/kg. Ingestion may produce gastric discomfort, nausea, vomiting, and diarrhea. Give milk or water to drink. Do not induce vomiting.

Section VII – Spill, Leak, and Disposal Procedures

Spill, Leaks: (Steps to be taken) Flush spills with water. Do not allow rags, paper or other oxidizable material to dry.

Wastes Disposal Method: Dilute with water and flush down drain.

Section VIII – Special Protection Information

Respiratory Protection: (Specify Type) Unnecessary

Ventilation: Open air or good room ventilation is normally adequate for safe use of this product. Avoid breathing any vapors or fumes resulting from strong acid activation.

Protective Gloves: Recommended

Eye Protection: Avoid contact with eye

Other Protective Equipment: None

Section IX – Special Precautions and Comments

Storage & Handling Information: Store at room temperature, out of direct sunlight. Best if stored in the dark.

Other Precautions: Do not use Part A alone. Parts A and B must be mixed prior to use.

Section X– HMIS Ratings

HMIS Rating – Health: **Flammability:** **Reactivity:**

Section XI – Transportation and Storage (SARA)

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Legend: NA – not applicable
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Transportation and Storage: If container is damaged in transit Part A and B could become mixed causing a potentially hazardous condition.

DOT Classification:

Section XII – Other Regulatory Information

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Safety Data Sheet

SECTION I – Chemical Product and Company Identification

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SDS Inv.# 1169C
Revision 1

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Synonyms: Sodium Chlorite, Chlorous acid, chlorine dioxide, phosphoric acid.

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Manufacturer:

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Id No.: PCG-03

Section II – Composition / Information on Hazardous Ingredients

Not applicable

Section III – Physical Data

Boiling Point at 1 ATM.: NA

Evaporation Rate: NA

Vapor Pressure: NA

Specific Gravity: NA

Viscosity: 14,000cp

Vapor Density (AIR): NA

pH @ 25°C: 3.6

Appearance and odor: White-yellowish gel, turns yellow within about 5 minutes after parts A and B are mixed.

Water Solubility: Partial

Section IV – Fire & Explosion Data

Flash Point & Method: NA

Auto Ignition Temp.: NA

Flammability Limit (AIR): NA

Special Fire-Fighting procedure: none

Extinguishing Media: The solution will not burn. Use water to cool fire-exposed containers

Unusual Fire Explosion Hazard: None

Continued on page 2 of 3 pages

Section V – Reactivity Data

Liberation of Clo₂ gas: When Parts A and B are mixed, chlorine dioxide is generated. The concentration of chlorine dioxide will increase over a ten-minute time span.

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Condition to Avoid: Temperature exceeding 120°F (49°C).

Hazardous Decomposition Products: Excessive levels of Chlorine dioxide gas may be generated if large quantities are combined with bleach or strong acids.

Hazardous Polymerization: Will not occur

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Threshold limit Value (TLV): NA

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Section VIII – Special Protection Information

Respiratory Protection: (Specify Type) Unnecessary

Ventilation: Open air or good room ventilation is adequate for safe use of this product. Leave area for a few minutes if excessive level of chlorine dioxide gas is generated should the product be exposed to bleach or strong acids.

Protective Gloves: not required

Eye Protection: Avoid contact with eye

Other Protective Equipment: None

Section IX – Special Precautions and Comments

Storage & Handling Information: Keep out of reach of children.

Other Precautions: Parts A and B should only be mixed at the time of use. Mixture will bleach clothing.

Section X– HMIS Ratings

HMIS Rating – Health: **Flammability:** **Reactivity:**

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