

doggiCLEEN™ skunk spray

MATERIAL SAFETY DATA SHEET (MSDS)

MSDS No. DSS8-A

Emergency Phone: (877) 792-4624

Date: 09/17/14

Section I – Identification

Product: doggiCLEEN™ Skunk Spray – Part (A)

Synonyms: Sodium Chlorite and Chlorous Acid, Sodium Salt

Chemical: Oxidant Salt

CAS No.: 7758-19-2

% of water in formula: > 97%

Section II – Hazardous Ingredients

Not Applicable (NA)

Section III – Physical Data

Boiling Point at 1 ATM.: 100.1°C

Evaporation Rate: Similar to Water

Vapor Pressure: 23.7 mm Hg @ 25°C

Specific Gravity: 1.044 @ 25°C

Vapor Density (AIR): NA

pH @ 25°C: 12.1

Appearance: Colorless liquid

Water Solubility: Complete

Section IV – Fire & Explosion Data

Flash Point & Method: NA

Auto Ignition Temp.: NA

Flammability Limit (AIR): NA

Special Fire-Fighting procedure: Wear self-contained breathing apparatus (SCBA), and suitable protective equipment.

Extinguishing Media: Water

Unusual Fire Explosion Hazard: None

Section V – Reactivity Data

Stability: Stable

Condition To Avoid: Temperature exceeding 120°F (49°C). Avoid letting the product become dry. Contact of dried sodium chlorite with organic material may result in fire.

Hazardous Decomposition Products: Excessive levels of chlorine dioxide gas may be generated when combined with bleach, strong acids and peroxides. Flush area with large amounts of air to keep the concentration below 1%. Leave immediate area for a few minutes.

Hazardous Polymerization: Will not occur

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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 LD(50) > 2.020 mg/kg. 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 LD (50) 4360mg/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 to dry on rags, paper or other oxidizable material. Transfer to properly labeled containers.

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: Not required

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. Keep away from strong acids and oxidizing agents.

Other Precautions: When using Skunk Spray, Part A must be mixed with Part B. Do not use Part A alone. When the two parts are mixed, chlorine dioxide is formed in the liquid.

Section X – Transportation

Chlorine Dioxide aqueous solution in concentrations of 3% has not been classified as hazardous goods.

Section XI – Regulatory Information

CALIFORNIA PROPOSITION 65

The components in this product do not appear on the California Proposition 65 list

Judgements as to the suitability of information herein for purchase purposes are necessarily purchaser's responsibility. Therefore, although reasonable care has been taken in preparation of such information, SMM Manufacturing Inc. extends no warranties, makes no representations and assumes no responsibility as to accuracy or suitability of such information for application to purchaser's intended purpose of or consequences of its use. Disposal of hazardous materials may be subject to federal, state or local laws or regulations.

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MATERIAL SAFETY DATA SHEET (MSDS)

MSDS No. DSS8-B

Emergency Phone: (877) 792-4624

Date: 09/17/14

Section I – Identification

Product: doggiCLEEN™ Skunk Spray – Part (B)

Synonyms: Lactic acid

Chemical: Organic acid

CAS No.: 50-21-5

% of Water in formula: > 90%

Section II – Hazardous Ingredients

Not Applicable (NA)

Section III – Physical Data

Boiling Point at 1 ATM.: 99.5°C

Evaporation Rate: Similar to Water

Vapor Pressure: about 17 mm Hg

Specific Gravity: 1.019 @ 25°C

Vapor Density (AIR): NA

pH @ 25°C: 2.0

Appearance: Colorless liquid

Water Solubility: Complete

Section IV – Fire & Explosion Data

Flash Point & Method: NA

Auto Ignition Temp.: NA

Flammability Limit (AIR): NA

Special Fire-Fighting procedure: None

Section VI – Health Hazard Information

Threshold limit Value (TLV): NA

Effects of Overexposure: NA

Eye Contact: Flush immediately with water for at least 15 minutes. Get medical attention, if irritation persists.

Skin Contact: Wash with soap and water

Inhalation: None required

Ingestion: Give water to drink. Do not induce vomiting

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MATERIAL SAFETY DATA SHEET (MSDS)

MSDS No. DSS8-B

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: (Local Exhaust) Unnecessary

Protective Gloves: Not required

Eye Protection: Avoid contact with eye

Other Protective Equipment: None

Section IX – Special Precautions and Comments

Storage & Handling Information: Store at room temperature.

Other Precautions: When using Skunk Spray, Part B must be mixed with Part A. Do not use Part B alone. When Parts A and B are mixed, chlorine dioxide is formed in the liquid.

Section X – Transportation

Chlorine Dioxide aqueous solution in concentrations of 3% has not been classified as hazardous goods.

Section XI – Regulatory Information

CALIFORNIA PROPOSITION 65

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