

# MATERIAL SAFETY DATA SHEET

Manufactured for: Viper Products

Address: 18434 Robertson St  
Orlando , FL 32833

Phone : 800-942-8754

Emergency Number: Chemtrec (800) 424-9300/OVERSEAS (703) 527-3887

## 1. Product Identification

Product Name : Odor Shark Part A Pouch

**Synonyms:** None

**CAS No.:** 7758-19-2

**Molecular Weight:** 90.44

**Chemical Formula:** NaClO<sub>2</sub>

**Product Codes:** V044

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## 2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Sodium Chlorite	7758-19-2	79 - 100%	Yes

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## 3. Hazards Identification

### Emergency Overview

**DANGER! CAUSES SEVERE SKIN AND EYE BURNS. STRONG OXIDIZER. CONTACT WITH OTHER MATERIAL MAY CAUSE FIRE. CAN VIOLENTLY DECOMPOSE AT ELEVATED TEMPERATURES. HARMFUL IF INHALED OR SWALLOWED CAUSES EYE AND SKIN IRRITATION.**

**SAF-T-DATA<sup>(tm)</sup>** Ratings (Provided here for your convenience)

Health Rating: 3 - Severe

Flammability Rating: 2 - Moderate

Reactivity Rating: 2 - Moderate

Contact Rating: 3 - Severe

Lab Protective Equip: GOGGLES & SHIELD; LAB COAT & APRON; VENT HOOD;  
PROPER GLOVES  
Storage Color Code: Green (General Storage)

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### **Potential Health Effects**

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**Inhalation:**

Is harmful

**Ingestion:**

Is harmful

**Skin Contact:**

Severe irritation or burns.

**Eye Contact:**

Severe irritation or burns.

**Chronic Exposure:**

No information found.

**Aggravation of Pre-existing Conditions:**

Damaged skin.

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## **4. First Aid Measures**

**Inhalation:**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Prompt action is essential.

**Ingestion:**

If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Skin Contact:**

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before re-use.

**Eye Contact:**

In case of eye contact, immediately flush with plenty of water for at least 15 minutes.

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## **5. Fire Fighting Measures**

**Fire:**

Not expected to be a fire hazard.

**Explosion:**

Contact with acids may generate spontaneously flammable chlorine dioxide gas. Greatly increases the burning rate of combustible materials. Fire or excessive heat may produce hazardous decomposition products. This material in sufficient quantity and reduced particle size is capable of creating a dust explosion

**Fire Extinguishing Media:**

Use extinguishing media appropriate for surrounding fire.

**Special Information:**

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode. Move exposed containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool. Fight fire from protected location

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## 6. Accidental Release Measures

Flush to sewer with large amounts of water.

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## 7. Handling and Storage

Material is a strong oxidizer. Keep from contact with clothing and other combustible materials. Remove and wash contaminated clothing promptly. Do not store near combustible materials. Store in tightly closed container. Since empty container may retain product residue, follow label warnings even after container is empty. Keep away from fire. Fire or high temperatures may cause explosive decomposition.

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## 8. Exposure Controls/Personal Protection

**Airborne Exposure Limits:**

None established.

**Ventilation System:**

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

**Personal Respirators (NIOSH Approved):**

For conditions of use where exposure to the substance is apparent and engineering controls are not feasible, consult an industrial hygienist. For emergencies, or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator. WARNING: Air purifying respirators do not protect workers in oxygen-deficient atmospheres.

**Skin Protection:**

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

**Eye Protection:**

Use chemical safety goggles and/or full face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.

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## 9. Physical and Chemical Properties

**Appearance:**

White Crystalline solid.

**Odor:**

No information found.

**Solubility:**

Appreciable (> 10%)

**Specific Gravity:**

No information found.

**pH:**

No information found.

**% Volatiles by volume @ 21C (70F):**

0

**Boiling Point:**

No information found.

**Melting Point:**

No information found.

**Vapor Density (Air=1):**

No information found.

**Vapor Pressure (mm Hg):**

0 @ 20C (68F)

**Evaporation Rate (BuAc=1):**

0

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## 10. Stability and Reactivity

**Stability:**

Stable under ordinary conditions of use and storage.

**Hazardous Decomposition Products:**

Hydrogen chloride gas

**Hazardous Polymerization:**

Will not occur.

**Incompatibilities:**

Acids, Reducing agents combustible materials.

**Conditions to Avoid:**

Avoid temperatures above 60C Avoid temperatures above 280C

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## 11. Toxicological Information

Ingredient	---NTP Carcinogen---		IARC Category
	Known	Anticipated	
Sodium Chlorite (7758-19-2)	No	No	3

## 12. Ecological Information

**Environmental Fate:**

No information found.

**Environmental Toxicity:**

No information found.

## 13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

## 14. Transport Information

**Domestic (Land, D.O.T.)**

**Proper Shipping Name:** SODIUM CHLORITE

**Hazard Class:** 5.1

**UN/NA:** UN1496

**Packing Group:** II

**Information reported for product/size:** 500G

**International (Water, I.M.O.)**

**Proper Shipping Name:** SODIUM CHLORITE

**Hazard Class:** 5.1

**UN/NA:** UN1496

**Packing Group:** II

**Information reported for product/size:** 500G

## 15. Regulatory Information

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-----\Chemical Inventory Status - Part 1\-----
Ingredient                                     TSCA  EC   Japan  Australia
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Sodium Chlorite (7758-19-2)                   Yes   Yes   Yes    Yes
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-----\Chemical Inventory Status - Part 2\-----
Ingredient                                     Korea  --Canada--  Phil.
                                     Korea  DSL   NDSL
-----
Sodium Chlorite (7758-19-2)                   Yes   Yes   No     Yes
```

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-----\Federal, State & International Regulations - Part 1\-----
Ingredient                                     -SARA 302-  -SARA 313-
                                     RQ   TPQ   List  Chemical Catg.
-----
Sodium Chlorite (7758-19-2)                   No   No    No     No
```

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-----\Federal, State & International Regulations - Part 2\-----
Ingredient                                     CERCLA  -RCRA-  -TSCA-
                                     CERCLA  261.33  8(d)
-----
Sodium Chlorite (7758-19-2)                   No     No     No
```

Chemical Weapons Convention: No      TSCA 12(b): No      CDTA: No  
SARA 311/312: Acute: Yes      Chronic: Yes      Fire: Yes      Pressure: No  
Reactivity: No      (Pure / Solid)

**Australian Hazchem Code:** 2R

**Poison Schedule:** None allocated.

**WHMIS:**

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

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## 16. Other Information

**Label Hazard Warning:**

DANGER! CAUSES SEVERE SKIN AND EYE BURNS. STRONG OXIDIZER.  
CONTACT WITH OTHER MATERIAL MAY CAUSE FIRE. CAN VIOLENTLY  
DECOMPOSE AT ELEVATED TEMPERATURES. HARMFUL IF INHALED OR  
SWALLOWED CAUSES EYE AND SKIN IRRITATION.

**Label Precautions:**

Avoid contact with eyes, skin, clothing.

Avoid breathing dust. Wash thoroughly after handling. Use with adequate ventilation.

Remove and wash contaminated clothing promptly. In case of fire, soak with water. In case of spill, carefully sweep up and remove. Flush area with water.

**Label First Aid:**

If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Prompt action is essential. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

**Product Use:**

Laboratory Reagent.

**Revision Information:**

MSDS Section(s) changed since last revision of document include: 3, 8.

**Disclaimer:**

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**Prepared by:** Environmental Health & Safety