



MATERIAL SAFETY DATA SHEET

SECTION 1 — PRODUCT IDENTIFICATION

Product identifier: Albatross SMP – Stencil Removing Crystals

Product Number: 4036 & 4039

Product Use: Oxidizing Agent

Chemical Formula: NaI04

Manufacturer's name and address: Refer to supplier

Supplier name and address:

ALBATROSS USA INC./EXPERT WORLDWIDE

36-41 36th Street
Long Island City, New York
United States
11106
718-392-6272

5439 San Fernando Road West
Los Angeles, California
United States
90039
818-543-5850

Emergency Telephone #: Chemtrec (Day or Night) 800-424-9300
(For Chemical Emergency: Spill, Leak, Fire, Exposure or Accident)

IMPORTANT: Read this MSDS before handling and disposing of this product. Pass this information on to employees, customer, and users of this product.

SECTION 2 — INGREDIENTS

Component(s)	CAS No.	% Wt.	OSHA PEL	NIOSH-REL
Sodium Metaperiodate	7790-28-5	60-100	None Known	None Known

SECTION 3 — PHYSICAL PROPERTIES

Boiling Point : Decomposes at 300 C

Freezing Point: Not Applicable

Melting Point: Decomposes at 300 C

Molecular Wt.: 213.92 **PH:** 3-5

Solubility in Water: Soluble

Physical State: Solid

Appearance: White Crystals

SECTION 4 — FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not Flammable

UEL: Unknown **LEL:** Unknown

Autoignition Temperature: Not Applicable

Extinguisher Media: Not Flammable. Use appropriate extinguishing media for surrounding fire.

Special Firefighting Procedures: Firefighters should wear normal protective equipment (full bunker gear) and positive-pressure, self-contained breathing apparatus.

Unusual Fire & Explosion Hazards: Product is not flammable; however, due to its strong oxidizing capability, this product could ignite combustible materials.

Flame Propagation or Burning Rate: Not Applicable

Sensitivity to Mechanical Impact/Static Discharge: Not Available

SECTION 5 — REACTIVITY DATA

Stable: Yes

Conditions to Avoid: Heat, friction, and impact

Incompatibility (Materials to Avoid): Mixtures with finely divided metals can react explosively. Mixtures with combustible materials are readily ignited (wood, paper, oil, etc.)

Hazardous Decomposition or ByProducts: Oxides of sodium, toxic fumes of iodine and iodine compounds.

Hazardous Polymerization May Occur? No

Conditions to Avoid Polymerization: None Known

SECTION 6 — HEALTH HAZARD DATA

Primary Routes of Exposure: Inhalation, Ingestion, Skin and Eye Contact.

Acute Signs and Symptoms of Overexposure: May cause eye, skin and mucous membrane irritation.

HMS INFORMATION:

Health: 3 Flammability: 0 Reactivity: 3 Protective Equipment: F

Chronic Signs and Symptoms of Overexposure: None Known

Carcinogenicity? No **Listed In:**

IARC	Not Listed
OSHA	Not Listed
NTP	Not Listed
Other	Not Listed

Medical Conditions Generally Aggravated by Exposure: Any previously existing pulmonary, ocular, or dermatitis conditions.

FIRST AID PROCEDURES:

Eye: Flush eyes with large quantities of water for 15 minutes. Seek medical attention.

Skin: Wash area with soap and water. Seek medical attention.

Inhalation: Remove victim to fresh air. Restore breathing, if required. Seek medical attention immediately.

Ingestion: Drink large quantities of water, induce vomiting. Seek medical attention immediately.

SECTION 7 — PRECAUTIONS FOR SAFE HANDLING & USE

Action to Take for Spills: Wear appropriate personal protective clothing. If spill is indoor, ventilate area of spill. Place absorbent sweeping compound on spill. Scoop up with shovel and place in suitable container.

Waste Disposal: Dispose of via a licensed disposal firm in accordance with all federal, state and local regulations.

Precautions to be Taken Handling and Storage: Minimize breathing of vapors and prolonged or repeated contact with skin. Remove all sources of ignition. Keep containers tightly closed when not in use. Store away from incompatibles. Store in a cool, dry, well ventilated area.

Other Precautions: Avoid run-off into storm sewers and ditches, which may lead to natural waterways. This material is heat, friction and impact sensitive. Care should be taken to avoid these conditions during storage, transfer and use.

SECTION 8 — EMPLOYEE PROTECTION MEASURES

Ventilation: Local ventilation is preferred to meet TLV requirements. General ventilation is acceptable if exposure is maintained below the TLV.

Respiratory Protection: NIOSH-Approved dust respirator recommended if dusty conditions exist.

Eye Protection: Safety glasses or safety goggles.

Protective Gloves: Chemically resistant gloves

Other Protective Equipment: Clothing suitable to prevent skin contact.

Work/Hygiene Practices: Wash thoroughly after handling product. Do not eat, drink, or smoke in areas of product handling. Eyewash station and safety shower should be available in areas of use.

SECTION 9 — DOT INFORMATION

UN Number: UN 1479

Hazard Class: Oxidizer 5.1

Proper Shipping: Oxidizing Solid, N.O.S. (Sodium Metaperiodate)

Packing Group: PG II

SECTION 10 — PREPARATION INFORMATION

Prepared By: Albatross USA, Inc.

Date Prepared: March 31, 2002

Date Revised: November 13, 2009

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