

# MATERIAL SAFETY DATA SHEET(MSDS)

## SECTION 1: PRODUCT IDENTIFICATION

**Product Name:** Performance "Emulsion Reclaimer Crystals"  
**Distributor:** Performance Screen Supply LLC  
**Distributor's address:** 919 Route 33, Freehold, New Jersey 07728  
**Telephone number for information:** 1-800-659-8337  
**Telephone number for emergencies:** Chemtel - 1-800-255-3924  
**DOT Classification:** Compound Cleaning UN-2031  
**Preparer:** Performance Screen Supply - EHS Department  
**Prepare Date:** 12/15/00

### NPCA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

0 - MINIMAL HAZARD	HEALTH:	3
1 - SLIGHT HAZARD	FIRE:	0
2 - MODERATE HAZARD	REACTIVITY:	3
3 - SERIOUS HAZARD	PERSONAL PROTECTION: SEE SECTION 8	
4 - SEVERE HAZARD	*CHRONIC HEALTH EFFECTS MAY BE PRESENT	

## SECTION 2: INGREDIENTS

<u>Chemical</u>	<u>CAS#</u>	<u>% by Volume</u>	<u>OSHA (PEL)</u>	<u>NIOSH-REL</u>
Sodium Metaperiodate Known	7790-28-5	60-100 %	None Known	None

## SECTION 3: PHYSICAL DATA

<b>Boiling Point:</b>	Decomposes at 300°C	<b>Solubility in Water:</b>	Soluble
<b>Freezing Point:</b>	Not Applicable	<b>Physical State:</b>	Solid
<b>Melting Point:</b> or Crystal	Decomposes at 300°C	<b>Appearance:</b>	White Powder
<b>Molecular Wt:</b>	213.92	<b>pH:</b>	3-5

## SECTION 4: FIRE AND EXPLOSION HAZARDS

**Flash Point:** Non Flammable      **UEL:** Unknown      **LEL:** Unknown  
**Auto ignition Temperature:** Not Available  
**Extinguishing Media:** Not Flammable-Use Appropriate Extinguishing Media for Surrounding Fire.  
**Special Fire Fighting Procedures:** Fire fighters should wear normal protective equipment (full bunker gear) and positive-pressure, self-contained breathing apparatus. It should be noted that full bunker gear will offer only limited dermal protection. Exposures of a longer duration will require chemical protective clothing.  
**Unusual Fire & Explosion Hazards:** Product is not flammable; however, due to its strong oxidizing capability, this product will readily 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 (material to avoid):** Mixtures with finely divided metals can react explosively. Mixtures with combustible materials are readily ignited (wood, paper, oil, etc.).  
**Hazardous Decomponents 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

**HMIS Information:**

Health - 3    Flammability - 0    Reactivity - 3    Protective

Equipment - S.C.

**Chronic Signs and Symptoms of**

**Overexposure:**

None known

**Carcinogenicity?** No    **Listed in:**

IARC: Not Listed    OSHA: Not Listed    NTP: Not Listed    Other: None

Known

## SECTION 6: HEALTH HAZARD DATA (CONTINUED)

### Medical Conditions Generally

<b>Aggravated by Exposure:</b>	Any previously existing pulmonary, ocular, or dermatitis conditions.
<b>First-Aid Procedures:</b>	
<b>Eye:</b>	Flush eyes with large quantities of water for 15 minutes. Seek medical attention.
<b>Skin:</b>	Wash area with soap and water. Seek medical attention.
<b>Inhalation:</b>	Remove victim to fresh air. Restore breathing, if required. Seek medical attention immediately.
<b>Ingestion:</b>	Drink large quantities of water, induce vomiting, and seek medical attention immediately.

## SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

<b>Actions to take for Spills:</b>	Wear appropriate personal protective clothing. If spill is indoors, ventilate area of spill. Place absorbent sweeping compound on spill. Scoop up with spark - proof, clean shovel. Place into a suitable container. To avoid dusty conditions, it may be necessary to wet sweep or vacuum.
<b>Waste Disposal:</b>	Disposal of via a licensed disposal firm in accordance with all federal, state, and local regulations.
<b>Precautions to be taken handling and storage:</b>	Minimize breathing of vapors and avoid 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.
<b>Other Precautions:</b>	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

<b>Ventilation:</b>	Local ventilation is preferred to meet TLV requirements. General ventilation is acceptable if exposure is maintained below the TLV.
<b>Respiratory Protection:</b>	NIOSH-Approved dust respirator recommended if dusty conditions exist.
<b>Eye Protection:</b>	Safety Goggles or safety glasses
<b>Protective Gloves:</b>	Chemically resistant gloves
<b>Other Protective Equipment:</b>	Clothing suitable to prevent skin contact
<b>Work/Hygiene Practices:</b>	Eyewash station and safety shower should be available in areas of use. Wash thoroughly after handling product. Do not eat, drink, or smoke in areas of product handling.

## SECTION 9: DOT INFORMATION

<b>UN Number:</b>	UN 1479
<b>Hazard Class:</b>	Oxidizer, 5.1
<b>Proper Shipping Name:</b>	Oxidizing Solid, NOS (Sodium Metaperiodate)
<b>Packing Group:</b>	PGIII

## SECTION 10: PREPARATION INFORMATION

The information above is believed to be accurate and represents the best information currently available to us. However, Performance Screen Supply makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.