

**Material Safety Data Sheet**

Quick Identifier:  
Silver Satin 2

**Section 1**

Metro-Chem, Inc.  
24 Pennsylvania Avenue  
Kearny, NJ 07032

Emergency Phone No. 800-424-9300  
Other Information 973-589-2800  
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**Section 2 Hazardous Ingredients\identity**

HAZARDOUS COMPONENT (CHEMICAL & COMMON NAME): Sodium Carbonate Peroxyhydrate

OSHA PEL: none ACGIH TLV: none OTHER EXPOSURE LIMITS: none CAS NO. 15630-89-4

**Section 3 Physical & Chemical Characteristics**

BOILING POINT: n/a SPECIFIC GRAVITY (H2O=1): VAPOR PRESSURE (mm Hg): n/a

VAPOR DENSITY (Air=1): n/a SOLUBILITY IN WATER: complete

REACTIVITY IN WATER: Stable, high temperatures cause decomposition to sodium carbonate, oxygen, and water.

APPEARANCE AND ODOR: white free flowing powder, odorless

MELTING POINT: decomposes

**Section 4 Fire and Explosion Hazard Data**

FLASH POINT: n/a METHOD USED: n/a

FLAMMABLE LIMITS IN AIR % BY VOLUME: LEL LOWER: n/a UEL UPPER: n/a

AUTO-IGNITION TEMPERATURE: n/a EXTINGUISHER MEDIA: water

SPECIAL FIRE FIGHTING PROCEDURES: standard fire fighting techniques.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Heat generated during a fire may cause rapid decomposition of sodium percarbonate. Oxygen evolved from decomposition will accelerate the burning of other combustible materials. Oxygen evolved may also burst tightly sealed containers. Damp sodium percarbonate in contact with organic material such as cloth, wood, paper, etcetera, may cause spontaneous combustion of these materials.

**Section 5 Physical Hazards (reactivity data)**

STABILITY: Normally Stable

CONDITIONS TO AVOID: High temperatures cause decomposition to sodium carbonate, oxygen, and water.

INCOMPATIBILITY (MATERIALS TO AVOID): Contact or contamination with acids, reducing agents, organic, and/or metallic ions may cause catalytic decomposition.

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposition produces sodium carbonate, oxygen, and generated heat.

HAZARDOUS POLYMERIZATION: Will Not Occur

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## **Section 6 Health Hazards**

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1. ACUTE (Immediate): none                      2. CHRONIC (Delayed Effect): irritation to skin

SIGNS AND SYMPTOMS OF EXPOSURE: skin irritation

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: none

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:

NATIONAL TOXICOLOGY PROGRAM: NO                      I.A.R.C. MONOGRAPHS: NO                      OSHA: NO

EMERGENCY AND FIRST AID PROCEDURES

### ROUTES OF ENTRY

1. INHALATION: Irritation to mucous membranes, throat, and respiratory system. Leave area of exposure immediately. Breathe fresh air. If discomfort occurs and persists, obtain medical attention.
2. EYES: Severe eye irritant. Immediately flush with large amounts of water for at least 15 minutes, lifting the upper and lower lids occasionally. Seek medical attention.
3. SKIN: May cause slight irritation to skin. Wash with large amounts of water. If irritation occurs and persists, obtain medical attention.
4. INGESTION: Moderately toxic. Drink large amounts of water to dilute. Seek medical attention.

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## **Section 7 Precautions and Spill/Leak Procedures**

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in cool, dry, ventilated area in the original container. Do not store close to acids. Storage container should be kept sealed to avoid contamination with dirt or moisture. Wear adequate personal protection.

OTHER PRECAUTIONS: none

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up as much as possible for salvage or disposal. Do not return to original container. Place in clean dry plastic bags or drums. Residue may be flushed to drain with large amounts of water.

WASTE DISPOSAL METHODS (Consult federal, state, and local regulations): Remove to an approved chemical waste disposal area. Comply with local, state, and federal regulations for disposal. People performing this work should wear adequate personal protective equipment and clothing.

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## **Section 8 Special Protection Information/Control Measures**

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RESPIRATORY PROTECTION (Specify Type): In cases where nuisance dust level of 10 mg/m<sup>3</sup> is exceeded or if discomfort is present, wear NIOSH approved dust respirator.

VENTILATION: LOCAL EXHAUST: adequate exhaust    MECHANICAL: n/a    SPECIAL: n/a    OTHER: n/a

PROTECTIVE GLOVES: General purpose gloves recommended.

EYE PROTECTION: Safety goggles, or glasses, or face shield required.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Full clothing to cover skin.

WORK/HYGIENIC PRACTICES: Eyewash station and safety showers should be handy.

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