

**Speedball Art Products, LLC**  
2301 Speedball Rd Statesville, NC 28677  
PHONE: 800-898-7224  
Speedballart.com

# MSDS

## 1. Substance/Product Identification

**Trade name:** Diazo Oil SS, Negative water-soluble oil.

**Chemical name:** 4-Diazodiphenylamine / formaldehyde condensate hydrogen phosphate complex (common name).  
Benzenediazonium, 4-(phenylamino)-, sulfate (1:1), polymer with formaldehyde, Phosphoric acid (chemical abstract names)

**CAS Number:** 71550-45-3

**Molecular formula:** (C<sub>12</sub>H<sub>10</sub>N<sub>3</sub>.CH<sub>2</sub>O.HO<sub>4</sub>P.)<sub>n</sub>

## 2. Composition, Information on Ingredients

**Assay:** 80-85% (ultraviolet spectrum)  
**Moisture:** 8-10%

## 3. Hazards Identification

**Risk phrases:** R 36/37/38: Irritating to eyes, respiratory system and skin.

**Safety phrases:** S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S 36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

**Exposure limits:** Not established. Use standard chemical manufacturing and good housekeeping procedures to control dust and expos

**4. First Aid Procedures**

**If inhaled, move person to fresh air. If cough or other respiratory symptoms develop, consult medical personnel.**

**If swallowed, wash out mouth with water provided the person is conscious. If gastrointestinal symptoms develop, consult medical personnel.**

**In case of eye contact, immediately flush eyes with copious quantities of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with the fingers. If redness, itching or a burning sensation develops, consult medical personnel.**

**In case of skin contact, wash the skin with copious quantities of soap and water. If redness, itching or burning sensation develops, consult medical personnel.**

**5. Fire Fighting Measures**

**Extinguishing media: Water fog, carbon dioxide, dry chemical powder or appropriate foam.**

**Hazardous decomposition products / combustion products: Carbon dioxide, carbon monoxide, nitrogen oxides and sulfur oxides.**

**Special fire fighting protective equipment: Self-contained breathing apparatus, full-face mask and protective clothing to prevent skin and eye contact with the product and decomposition products.**

**6. Accidental Release Measures**

**If spilled wear skin and eye protection during clean up. Sweep up, place in a heavy plastic bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash the spill site with copious amounts of water after material pick-up is completed. Wash water must be disposed of in accordance with local discharge regulations. Comply with all federal, state and local spill regulations.**

**7. Handling and Storage**

**Handling: Minimize exposure in accordance with good chemical manufacturing hygiene practices. Avoid breathing dust. Avoid contact with the eyes, skin and clothing.**

**Storage: Keep container tightly closed. Store in a cool dry place and away from light.**

**8. Exposure Controls / Personal Protection**

**Exposure control:** Adequate ventilation is required. Safety shower and eyewash station should be available in the work area.

**Personal protection:**

**Respiratory protection:**

**Hand protection:**

**Eye protection:**

**Skin protection:**

**Hygiene protection:**

**Appropriate respirator is required.**

**Chemical resistant gloves.**

**Safety goggles.**

**Protective clothing.**

**Take off contaminated clothing, shower with plenty of soap and water and always wash contaminated clothing before re-use.**

**9. Physical and Chemical Properties**

<b>Appearance:</b>	<b>Yellow to greenish, free flowing</b>
<b>Boiling point:</b>	<b>No data</b>
<b>Vapor pressure:</b>	<b>No data</b>
<b>Vapor density:</b>	<b>No data</b>
<b>Flammable limits:</b>	<b>Not applicable</b>
<b>Flash point:</b>	<b>Not applicable</b>
<b>Solubility in water:</b>	<b>Soluble</b>
<b>Solubility in organic solvents:</b>	<b>Insoluble</b>
<b>Specific gravity:</b>	<b>Approximately 0.5</b>

**10. Stability and Reactivity**

**Stability:** Stable under normal conditions. Decomposition occurs above 120 °C.

**Conditions to avoid:** Heat and light.

**Materials to avoid:** Strong oxidizing agents, strong bases.

**Hazardous decomposition products:** Carbon dioxide, carbon monoxide, nitrogen oxides and sulfur oxides.

**11. Toxicological Information**

**LD50 :** Not determined. SAR suggests that oral rat is probably  $\geq 5$  g/kg.

**Skin irritation:** Very slightly too slightly irritating

**Eye irritation:** Irritating, harmful.

**Inhalation:** Irritating.

**12. Ecological Information**

Observe all federal, state and local environmental regulations.

**13. Disposal Considerations**

Mix the material with a combustible solvent and burn in a chemical incinerator equipped with and afterburner and a scrubber.

**14. Transport Information**

The US Department of Transportation and IATA does not currently regulate Diazo Sensitizer

**15. Regulatory Information**

This compound is listed on the EPA TSCA Inventory.

**16. Other Information**

To the best of our knowledge the chemical, physical and toxicological properties of this material have not been thoroughly investigated. The information contained herein is based on the date believed to be reliable and is presented in good faith. It's however, furnished without warranty or guarantee of any kind and Speedball Art Products, LLC. disclaims any liability incurred from the use or reliance upon the same.