



AN IKONICS COMPANY

**Diazo Sensitizer**  
Material Safety Data Sheet  
Issued: 4/14/04  
Supercedes: 12/6/03

**Section I - Chemical Product and Company Identification**

Manufacturers name IKONICS Corporation  
Address 4832 Grand Avenue, Duluth, MN 55807  
Telephone number 218 628-2217 Customer Service  
Emergency phone number 800 424-9300 Chemtrec USA / 703/527-3887 International (collect)  
Product name Diazo Sensitizer  
Chemical name Diazonium Salt: p-diazodiphenylamine sulfate, formaldehyde condensate (41432-19-3).  
Note: End product does not contain free formaldehyde.  
Use Sensitizer

**Section II – Hazardous Ingredients**

Ingredients	Percent	CAS#	OSHA PEL	ACGIH TLV	VAPOR PSI
There are no hazardous ingredients by reference to the O.S.H.A. Hazardous Communications Standard (29 CFR 1910.1200)	Not Applicable	-----	-----	-----	-----

**Section III – Physical Data**

Appearance Yellow-Green Powder  
Boiling point Not Applicable  
Weight (per gallon) Not Applicable  
Percent volatile (by wt) Not Applicable  
Solubility in water 30%  
Evaporation rate Not Applicable  
Vapor density Not Applicable  
VOC Not Applicable

**Section IV – Fire and Explosion Data**

Flash point Not Applicable  
Extinguishing media Water  
Unusual fire & explosion hazards None known  
Special fire fighting procedures None known

**Section V – Health Hazard Data**

HMIS Codes 1-1-1-B Minimal=0, Slight=1, Moderate=2, Serious=3, Severe=4  
*Effects of overexposure*  
Eye contact No specific information available.  
Skin contact Prolonged exposure to large quantities may cause irritation to skin and mucous membranes.  
Inhalation Prolonged exposure to large quantities may cause irritation.  
Ingestion No specific information available.  
*First aid emergency procedures*  
Eye Flush with plenty of water for at least 15 minutes and seek medical attention.  
Skin Wash with soap and water, should irritation occur, seek medical attention.  
Inhalation Remove to fresh air.  
Ingestion If appreciable quantities are swallowed, drink large quantities of water and seek medical attention.

**Section VI – Reactivity Data**

Stability	Unstable___ Stable <u>X</u>
Conditions to avoid	Heat and light.
Incompatibility (materials to avoid)	Alkaline solutions and chemicals.
Hazardous decomposition products	Nitrogen, Sulfates, CO <sub>2</sub> and CO.
Hazardous polymerization	May occur __Will not occur <u>X</u>

**Section VII – Spill or Leak Procedures**

Spill cleanup instructions	Contain spill and take up using absorbent. Dispose in appropriate manner.
Waste disposal method	Dispose in accordance with federal, state, and local laws.

We make no guarantee or warranty of any kind that the use or disposal of this product is in compliance with all federal, state, or local laws. It is the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

**Section VIII – Control Measures / Personal Protection**

Engineering controls	Ventilation – Local exhaust recommended but not required.
<i>Personal Protection Equipment (PPE)</i>	
Gloves	Recommended.
Eye	Recommended.
Respiratory	Not required.
Where contact may occur	Use the proper PPE.
Safety shower and eyewash	Should be available.

**Section IX – Handling and Storage**

Handling and storage information	Store at room temperature. Closed containers exposed to extreme heat will generate pressure (steam) and may burst.
Other precautions	Industrial use only. Keep out of reach of children. Do not take internally. Avoid splashing in eyes.

**Section X – Regulation Information**

DOT classification	Not a DOT controlled material (United States).
TSCA	All ingredients are listed chemicals in the TSCA registry.

Approved by: VP Technology, Toshi Komatsu 218 628-2217 ext.142

Notice to reader

(Approved by U.S. Department of Labor “Essentially Similar” to form OSHA-20)

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