



AN IKONICS COMPANY

**Diazo Sensitizer for D-2**  
Material Safety Data Sheet  
Issued: 4/12/04  
Supercedes: 8/16/01

**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 for D-2
Chemical name	Diazo Liquid: Benzenediazonium, 4-(phenylamino)-, phosphate (1:1), polymer with formaldehyde. (71550-45-3)
Use	Sensitizer for D-2

**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	Dark, viscous oil
Boiling point	140°C
Weight (per gallon)	Not Applicable
Percent volatile (by wt)	8%
Solubility in water	Infinite
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	Not Applicable

**Section V – Health Hazard Data**

HMIS Codes	1-1-1-B	Minimal=0, Slight=1, Moderate=2, Serious=3, Severe=4
<i>Effects of overexposure</i>		
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.	
<i>First aid emergency procedures</i>		
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 in a cool, dark location or refrigerate. Avoid high temperatures above 200 <sup>o</sup> F.
Other precautions	Industrial use only. Keep out of reach of children. Avoid splashing in eyes. Do not take internally.

**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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