

**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 SBX liquid emulsion
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**

<u>Ingredients</u>	<u>Percent</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>VAPOR PSI</u>
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
<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 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)

The information contained herein is based on data available to us and is believed to be correct. Since this information may have been obtained in part from independent laboratories or other sources not under direct supervision, no representation is made that the information is accurate, reliable, complete, or representative and Buyer may rely thereon only at the Buyer’s risk. We make no guarantee that the health and safety precautions we have suggested will be adequate for all individuals and / or situations involving its handling and uses. No warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet.