



**IMAGE MATE DZ 307**  
Material Safety Data Sheet  
Issued: 3/21/07  
Supercedes: New

**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                    DZ 307 Blue or Clear  
Use                                 Screen Graphics

**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                      Blue or Clear liquid  
Boiling point                    210° F -212° F  
Weight (per gallon)              8.70 lb/gal.  
Percent volatile (by wt)         67 %  
pH value                          4.7  
Solubility in water               100% dispersible  
Evaporation rate                 Slower than n-Butyl Acetate  
Specific gravity                  1.07  
VOC                                Not Applicable

**Section IV – Fire and Explosion Data**

Flash point                        Greater than 200°F  
Extinguishing media              Non-flammable in liquid state. When dry, use CO<sub>2</sub> dry chemical, or water.  
Unusual fire & explosion hazards    None  
Special fire fighting procedures    None

**Section V – Health Hazard Data**

HMIS Codes                        1-1-0    Minimal=0, Slight=1, Moderate=2, Serious=3, Severe=4  
*Effects of overexposure*  
Eye contact                        May cause moderate eye irritation.  
Skin contact                        Prolonged or repeated skin contact can cause irritation.  
Inhalation                          Vapors at elevated temperatures may be irritating to respiratory tract.  
Ingestion                            No hazard is expected in normal industrial use.  
*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, do not induce vomiting. Seek medical attention.

**Section VI – Reactivity Data**

Stability	Unstable___ Stable <u>X</u>
Conditions to avoid	None known.
Incompatibility (materials to avoid)	Strong acids and bases.
Hazardous decomposition products	Oxides of carbon may be released during combustion.
Hazardous polymerization	May occur __ Will not occur <u>X</u>

**Section VII – Spill or Leak Procedures**

Spill cleanup instructions	Contain spills with absorbent material and dispose of saturated material.
Waste disposal method	Place leaking container in a well ventilated area. Dilute the spill with water and absorb the spill with inert material and dispose in accordance with federal, state, and local laws. Use proper PPE when cleaning up a spill. Liquid emulsion can pose a potential slippage problem.

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- wear impervious gloves.
Eye	Recommended- chemical splash goggles (ANSI Z87.1)
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 temperatures between 50°F and 90°F.
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.
California (Prop 65)	This product contains chemical(s) known to the State of California to cause cancer (c) or reproductive (r) damage. <0.002% Nitriilotriacetic acid (c) 139-13-9 Listed January 1, 1988.

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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