



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 CO₂ 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

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| 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

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| 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

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| 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

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| 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

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| 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% Nitritoltriactic 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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