



AN IKONICS COMPANY

Chromaline Accu Ink
Material Safety Data Sheet
Issued: 11/16/07
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 Accu Ink
Use UV Blocking Black Ink

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>
Water	>65%	7732-18-5	Not Established	Not Established	Not Established
Proprietary Dye	< 15%	NA	Not Established	Not Established	Not Established
Proprietary Chemical Solution	<30%	NA	Not Established	Not Established	Not Established

Section III – Physical Data

Appearance Black liquid
Boiling point Not Established
Specific Gravity 1.01-1.08 @ 25°C
Solubility in water Miscible
Evaporation rate Not Established
Vapor density Not Established
VOC Not Established
pH 7.0-10.0
Viscosity 2-4 cps @ 25°C

Section IV – Fire and Explosion Data

Flash point Not Applicable
Extinguishing media Dry chemical, CO₂, water spray.
Unusual fire & explosion hazards Combustion may create toxic gases.
Special fire fighting procedures Wear self-contained breathing apparatus MSHA/NOISH approved or equivalent and full protective gear. Toxic fumes when burning.

Section V – Health Hazard Data

HMIS Codes None

Effects of overexposure

Eye contact Overexposure may cause irritation and allergic reaction to eyes.
Skin contact Overexposure may cause irritation to skin.
Inhalation Over exposure 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 and seek medical attention.
Ingestion Give water to dilute and seek medical attention immediately.

Section VI – Reactivity Data

Stability	Unstable___ Stable <u>X</u>
Conditions to avoid	None known.
Incompatibility (materials to avoid)	Strong oxidizing agents and strong acids.
Hazardous decomposition products	Carbon dioxide, Carbon monoxide and Sulfur Oxides.
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 absorbent. Use proper PPE when cleaning up a spill.
Waste disposal method	Dispose of 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 – Mechanical exhaust required.
<i>Personal Protection Equipment (PPE)</i>	
Gloves	Rubber or neoprene gloves are required.
Eye	Personal eye protection is required. Wear splash proof goggles where exposure is possible.
Respiratory	Use NIOSH approved equipment suitable for nuisance mist when airborne exposure is excessive.
Where contact may occur	Use a face shield, impervious body coverings, and boots (if exposure is severe).
Safety shower and eyewash	Should be available.

Section IX – Handling and Storage

Handling and storage information	Store away from incompatible materials. Keep from freezing. Industrial use only. Keep out of reach of children. Do not take internally. Avoid splashing in eyes.
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Section X – Regulation Information

DOT classification	Not regulated.
TSCA	All ingredients are listed chemicals in the TSCA registry.
SARA Title III	Reportable for Section 313 (Form R): immediate acute health hazard.

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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