



AN IKONICS COMPANY

Chroma/Tech PL
Material Safety Data Sheet
Issued: 2/24/04
Supercedes: 12/7/01

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	Chroma/Tech PL
Use	Water based emulsion

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	Blue/Green liquid emulsion
Boiling point	100° C (212° F)
Weight (per gallon)	9.10 lb/gal.
Percent volatile (by wt)	50%
Solubility in water	Miscible
Evaporation rate	Slower, than water
Vapor density	Heavier, than air
VOC	Not Applicable

Section IV – Fire and Explosion Data

Flash point	Greater than 170° F
Extinguishing media	Class B fire extinguisher
Unusual fire & explosion hazards	Under high heat, decomposition products may present a hazard.
Special fire fighting procedures	For full protection, fire fighters are recommended to wear NIOSH-MSHA approved self-contained breathing apparatus and chemical resistant clothing.

Section V – Health Hazard Data

HMIS Codes	1-0-1-H&O Minimal=0, Slight=1, Moderate=2, Serious=3, Severe=4
<i>Effects of overexposure</i>	
Eye contact	No specific information available. May cause irritation.
Skin contact	No specific information available. May cause irritation.
Inhalation	No specific information available.
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	Drink water, do not induce vomiting. Consult physician or poison control center.

Section VI – Reactivity Data

Stability Unstable___ Stable X
Conditions to avoid Strong light and high heat.
Incompatibility (materials to avoid) Light, heat, oxidizers
Hazardous decomposition products If burned, will give off oxides of nitrogen, CO₂ and CO.
Hazardous polymerization May occur ___ Will not occur X

Section VII – Spill or Leak Procedures

Spill cleanup instructions Wash with copious amounts of water. Absorb diluted spill and dispose.
Use proper PPE when cleaning up a spill.
Waste disposal method Either A) Incinerate at authorized facility or B) Landfill in authorized facility
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. Provide adequate
ventilation as necessary.
Personal Protection Equipment (PPE)
Gloves Rubber or neoprene gloves are recommended.
Eye Personal eye protection is recommended.
Respiratory Wear O.S.H.A. (29CFR 1910.134) protection as necessary. Do not breathe
vapors or mists.
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 between 50°F-80°F for maximum storage life.
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). Does not sustain combustion
according to ASTM 4206 or Appendix H procedures in 49 CFR 173.120 (a) (3).
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.
<0.004% Acetaldehyde (c) 75-07-0 Listed April 1, 1988
<0.0003% 1, 4 Dioxane (c) 123-91-1 Listed January 1, 1988
<0.000005% Arsenic (c)(r) N/A N/A
<0.000002% Cadmium (c)(r) N/A N/A
<0.0000009% Chromium (c)(r) N/A N/A
<0.000004% Lead (c)(r) N/A N/A
<0.000004% Mercury (c)(r) N/A N/A

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.