



**Chroma/Screen Wash MTD**  
 Material Safety Data Sheet  
 Issued: 3/28/06  
 Supercedes: New document

**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/Screen Wash MTD  
 Use                                 Liquid cleaning product

**Section II – Hazardous Ingredients**

Ingredients	Percent	CAS#	OSHA PEL	ACGIH TLV	VAPOR PSI
Dimethyl Esters mixture	60-80%	Trade secret	Not established	Not established	Not established
Glycol Ethers mixture	10-30%	Trade secret	Not established	Not established	Not established

**Section III – Physical Data**

Appearance	Clear Liquid	Vapor pressure	< 1 mm Hg. @ 20°C =68°F
Boiling point	356°F Initial	Vapor density	< 1 (Air =1)
Color	Colorless to very pale amber	Viscosity	Thin, <5cSt @ 25 °C= 77°F
Odor	Characteristic pleasant glycol	VOC%	93%= 8.2 Lbs/Gal
Evaporation rate	0.2 (Butyl Acetate=1)	Density	8.82 Lb./gal. @ 60°F
HAP%	0.0%= 0 Lbs/Gal	Specific gravity	1.0588 @ 60°F
pH as is	Slightly acidic in water	Solubility in water	30% appreciable
Percent volatile (by wt)	93%	Freezing Point	<-40°F

**Section IV – Fire and Explosion Data**

Flash point                        195°F  
 Extinguishing media            Dry chemical, CO<sub>2</sub>, water spray, or foam.  
 Unusual fire & explosion hazards    Potentially combustible liquid; may release vapors which will create a flash back. Accumulate static charges which may cause an incendiary electrical discharge.  
 Special fire fighting procedures    Fire fighters should wear self-contained breathing apparatus. Water may spread the fire.

**Section V – Health Hazard Data**

HMIS Codes                        1-2-0-B Minimal=0, Slight=1, Moderate=2, Serious=3, Severe=4  
 NFPA                                 1-2-0

*Effects of overexposure*

Eye contact                        Direct contact with material can cause irritation, pain and transient injury.  
 Skin contact                        May cause irritation with prolonged contact. Removes natural oils and fats from skin.  
 Inhalation                         Inhalation of mist or spray can cause irritation to nose, throat and lungs, and higher concentration may cause headaches, nausea, dizziness and drowsiness.  
 Ingestion                         It may cause headache, dizziness and gastrointestinal distress. Is a low order of toxicity.

*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 give artificial respiration if not breathing. Call a physician.  
 Ingestion                         Do not induce vomiting. Seek medical attention.

**Section VI – Reactivity Data**

Stability	Unstable___ Stable <u>X</u>
Conditions to avoid	Do not store near heat, sparks, or open flames.
Incompatibility (materials to avoid)	Strong acids and strong oxidizing agents.
Hazardous decomposition products	Carbon dioxide, Carbon monoxide
Hazardous polymerization	May occur __ Will not occur <u>X</u>

**Section VII – Spill or Leak Procedures**

Spill cleanup instructions	Remove all sources of ignition. Contain spill and take up with absorbent material. Dispose in appropriate manner. Flush small spills to sewer with plenty of water. Use proper PPE when cleaning up a spill.
Waste disposal method	Incinerate liquid and contaminated solids 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	Wear gloves resistant to solvent permeation. Gloves are required, wear Neoprene, nitrile, polyvinyl, alcohol, and viton.
Eye	Personal eye protection is required. Wear splash goggles or face shield.
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	Do not store near heat, sparks or open flames. Keep container closed when not in use. Avoid contact with skin, eyes or clothing.
Other precautions	Industrial use only. Keep out of reach of children. Do not take internally. Avoid breathing vapors or mist.

**Section X – Regulation Information**

DOT classification	Not a DOT controlled material (United States).
TSCA	All ingredients are listed chemicals in the TSCA registry.
SARA Title III	This product does not contain chemicals subject to the reporting of requirements of SARA Title III, Section 313, 40 CFR Part 372 and CERCLA 40 CFR 302.4.
OSHA	This product is considered to be hazardous under OSHA Hazardous Communication Standard (29CFR 1910.1200).

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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