



**Citra Klean 2000**  
 Material Safety Data Sheet  
 Issued: 7/28/04  
 Supercedes: 5/29/01

**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              Citra Klean 2000  
 Use                             Liquid cleaning product

**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>
Glycol ether	10%	Trade secret	Not established	Not established	Not established

**Section III – Physical Data**

Appearance                Clear liquid  
 Boiling point              128°F  
 Weight (per gallon)      8.10 lb./gal.  
 Percent volatile (by wt)   Not Applicable  
 Solubility in water        Moderate  
 Specific gravity            <1.0  
 Evaporation rate          Not Established  
 Vapor pressure            Not Established  
 Vapor density              Not Established  
 VOC                          311 g/l

**Section IV – Fire and Explosion Data**

Flash point                120°F  
 Extinguishing media      Dry chemical, CO<sub>2</sub>, water spray, or foam.  
 Unusual fire & explosion hazards   None known  
 Special fire fighting procedures   Fire fighters should wear self-contained breathing apparatus.

**Section V – Health Hazard Data**

HMIS Codes                1-2-0-H & O      Minimal=0, Slight=1, Moderate=2, Serious=3, Severe=4

*Effects of overexposure*

Eye contact                Overexposure may cause irritation, burns and redness to eyes.  
 Skin contact                Overexposure may cause irritation, burns and redness to skin. Repeated or prolonged contact may cause burning, drying and cracking of skin.

Inhalation                 Overexposure of high concentrations of vapors or mists may cause irritation to nose and throat, loss of coordination, fatigue, drowsiness, and/or dizziness.

Ingestion                  Overexposure may cause irritation and burns.

*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                  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 oxidizing agents or reducing agents.
Hazardous decomposition products	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. 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 – Local exhaust recommended but not required.
<i>Personal Protection Equipment (PPE)</i>	
Gloves	Rubber or neoprene gloves are required.
Eye	Personal eye protection is required.
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.
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). Combustible liquid-ground transportation.
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, and 40 CFR Part 372. Complies with SCAQMD’s Rule 1171 (Adopted August 2, 1991).

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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