



Millennia Clean Screen Wash
 Material Safety Data Sheet
 Issued: 7/14/04
 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 Millennia Clean Screen Wash
 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 methyl ether	30%	Trade secret	100 ppm	Not established	Refer to Section III
Petroleum hydrocarbons	40%	Trade secret	100 ppm	Not established	“
N-Methyl-2-pyrrolidone	10%	Trade secret	Not established	Not established	“

Section III – Physical Data

Appearance Clear liquid
 Boiling point 310°F
 Weight (per gallon) 7.51 lb./gal.
 Percent volatile (by wt) Not Applicable
 Solubility in water Appreciable
 Specific gravity .890
 Evaporation rate <1.0 (Butyl Acetate = 1)
 Vapor pressure Approx. 4.0 mm Hg. 20°C
 Vapor density Not Established (AIR= 1)
 VOC 890 g/l

Section IV – Fire and Explosion Data

Flash point 100°F
 Extinguishing media Dry chemical, CO₂, 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 immediately.

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 contain chemicals subject to the reporting of requirements of SARA Title III, Section 313, and 40 CFR Part 372. N-Methyl-2-pyrrolidone- max 10% - CAS# 872-50-4 Complies with SCAQMD's Rule 1171 (Adopted August 2, 1991).
California (Prop 65)	This product contains chemical(s) known to the State of California to cause cancer (c) or reproductive (r) damage. <0.001% Benzene (c) (r) 71-43-2 Listed February 27, 1987

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.