



AN IKONICS COMPANY

Press Wash 450
Material Safety Data Sheet
Issued: 5/1/04
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 Press Wash 450
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	23%	Trade secret	Not established	Not established	Not established
Isobutyl isobutyrate	15%	Trade secret	Not established	Not established	Not established

Section III – Physical Data

Appearance Clear liquid
Boiling point 310°F
Weight (per gallon) 7.29 lb./gal.
Percent volatile (by wt) Not Applicable
Solubility in water Appreciable
Evaporation rate Not Established
Vapor density Not Established
VOC 875 g/l

Section IV – Fire and Explosion Data

Flash point 105°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 Do not induce vomiting and 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, strong acids or bases.
Hazardous decomposition products	Carbon monoxide, carbon dioxide
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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