



MSDS Material Safety Data Sheet

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name: SPI (Screen Printing Inks)
(86) 3A El-Faroukya Towers
Gesser El Suez St.,
El Nozha,
Cairo, Egypt

Telephone Number: (+2) 02 262 11 617 / 8

Mobile Number: (+2) 0122 55 88 343

Trade Name: Acque Water-based Inks

Codes: A50/50-A50/60 -A50/80WHITE, A504/551 BASE , A800 REDUCER ,A700 PIGMENTS

Chemical Family: Acrylic derivatives

Product Use: Printing textile

WHMIS Classification: Organic polymer emulsion

SECTION 2. COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients	Percentage	TLV (ppm)	CAS#
	10 – 50%		10450-60-9

SECTION 3. HAZARDS IDENTIFICATION

Main Constituent(s) Acute Toxicity

Oral: Harmful if swallowed – no data available. If ingested, main harmful effect would be the corrosive action of the solution on the stomach and digestive tracts.

Skin: Severe skin irritation and burning on contact

Eye: Severe eye irritation

SECTION 4. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with water for at least 15 minutes.

Skin Contact: Remove excess material from skin and wash with soap and water.

Inhalation: Not applicable

Ingestion: Rinse mouth with water. Drink plenty of water. Call a physician or Poison Control Center IMMEDIATELY.

SECTION 5. FIRE FIGHTING MEASURES

Flammability Properties

Flammability: Non-flammable. Ignites combustible material on prolonged contact. Burning produces obnoxious and toxic fumes.

Hazardous Combustion Products: Not applicable

Explosion Limits: Not applicable

Explosion Data: Not applicable

Extinguishing Media: CO₂, Dry powder, Foam, water spray, halons

Special Fire Fighting Procedures: In the event of fire, wear self-contained breathing apparatus. Wear suitable gloves and eye/face protection

SECTION 6. ACCIDENTAL RELEASE MEASURES

Procedure if Material is Spilled or Released: Cover with dry lime, pick, keep in closed container for waste disposal, and avoid breathing vapors.

SECTION 7. HANDLING AND STORAGE

Handling: Handle and open containers with care. Avoid eye contact. Avoid excessive or repeated skin contact. Keep the containers closed when not in use. Use adequate ventilation.

Storage: Keep away from combustible material, reducing agents and organic matter.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiration Protection: Not required with normal adequate ventilation

Ventilation: Local mechanical room ventilation is expected to be satisfactory

Personal Protective Equipment (PPE)

Skin Protection: Gloves needed to prevent repeated and prolonged contact with skin

Eye Protection: Safety goggles

Footwear: Sneakers

Clothing: Nitrile smock if available

Respiratory Protection: Not required with normal adequate ventilation

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Clear, colorless to pale yellow with slight ozone odour

Boiling Range °C: 99.7

Vapor Pressure (mm Hg @ 20°C): 21.67

Vapor Density (Air = 1): 1

Specific Gravity (Water = 1): 1.095

Solubility in water: freely soluble in water

Percent Volatile by volume: 86

Evaporation Rate (B.A.=1): same as water

pH: <1

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable at normal conditions

Incompatibility: Acid, reducing agents, combustible material

Conditions of Reactivity: Excessive heat. Do not store above 40°C. Protect from light. At excessive temperatures (>50°C), there is possible evolution of water and/or ozone vapours.

Hazardous Decomposition: Iodine

SECTION 11. TOXICOLOGICAL INFORMATION

There is no known published data available for this product.

SECTION 12. ECOLOGICAL INFORMATION

This product is not regarded as dangerous to the environment.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with all Local, Provincial and Federal Regulations.

SECTION 14. TRANSPORT INFORMATION

Canadian TDG Shipping Description: Oxidizing Liquid, Corrosive, N.O.S. (Periodic Acid) Class 5.1, UN3098, PK. Group III

SECTION 15. REGULATORY INFORMATION

U.S. TSCA Inventory Status: All components of these products are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.

Canadian DSL Inventory Status: All components of these products are either on the Domestic Substances List (DSL), the Non-Domestic Substances List (NDSL) or exempt.

Note: Not available

SECTION 16. OTHER INFORMATION

DISCLAIMER: All information presented herein is given in good faith and is based on sources and tests are considered to be reliable but cannot be guaranteed. It is the user's full responsibility to accept risk for the safety, toxicity, handling, storage, and use of the product as well as to determine the suitability of this product for a specific purpose. We can make no warranty as to the results to be obtained in using the product. Therefore the user must assume all risk.

MSDS Prepared by:

SPI Scientific team