

SECTION 1: CHEMICAL PRODUCT - COMPANY IDENTIFICATION

ViChem LLC
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PRODUCT: ViChem SI-60
MSDS CREATION DATE: 01 june12
MSDS REVISION DATE: none

SECTION 2: COMPOSITION, INFORMATION ON INGREDIENTS

<u>Components</u>	<u>CAS Number</u>	<u>% By Weight</u>
Potassium Acetate	127-08-2	45-70%
Water	7732-18-5	Balance

Chemical Synonyms: Kac, PA, acetic acid, potassium salt
Chemical Family: organic acid, potassium salt
Chemical Formula: C₂H₃O₂k

SECTION 3: HAZARDS IDENTIFICATION

NFPA RATINGS: (SCALE 0-4): HEALTH=1 FIRE=0 REACTIVITY=0

SECTION 4: FIRST AID MEASURES

INHALATION: If irritation develops, remove to fresh air.
SKIN: May cause irritation of the skin. Wash area with soap and water. Get medical attention if irritation persists.
EYES: Can cause irritation. Flush with water for at least 15 minutes, hold eyelids open. Get medical attention.
INGESTION: If swallowed, wash mouth out with water.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point None by Tag closed cup
Flammability Limits Not determined
Auto-Ignition Temperature. Not Applicable
Extinguishing Media Appropriate media for surrounding Fire.
Unusual Fire and Explosion Hazards: not known

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill / Leak Procedures: For spills clean-up personnel should wear suitable protective clothing. Caution should be used to prevent falls, material is very slippery. Collect spillage for disposal. Wash down area with large quantities of water. Collect material in appropriate, labeled containers for disposal in accordance with federal, state, and local regulations.

Disposal: Material is biodegradable. Follow applicable Federal, state and local regulations.

SECTION 7: HANDLING AND STORAGE

Handling Precautions: Be mindful of your own protection and that of others.

Special Handling: Not applicable

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION Not needed.

PROTECTIVE CLOTHING Use appropriate protective clothing and safety equipment when handling this product. Plastic or Rubber Gloves optional.

EYE PROTECTION Safety glasses should be worn when handling this product and all other Chemicals.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point 105-125°C
Specific Gravity 1.2-1.4 at 25°C
Freezing Point Not determined
Molecular Weight 98.15
Solubility in Water Infinitely Solubility

Reactivity in water	Does not react
pH of 5% Aq Soln	7.5 to 8.5
Appearance and Odor	Clear, Colorless, syrupy liquid, odorless

SECTION 10: STABILITY AND REACTIVITY

Stability: is stable under normal storage and handling conditions.

Hazardous Polymerization: Will not occur

Chemical Incompatibilities: Strong oxidizing Agents

Conditions to Avoid: Storage with strong oxidants.

Special Precautions: Material is very Hygroscopic.

Hazardous Decomposition Products: Carbon Monoxide

SECTION 11: TOXICOLOGICAL INFORMATION

Occupational Exposure: No exposure limit have been set by OSHA, NIOSH or ACGIH

Carcinogen: IARC: NO, NTP: NO, OSHA: NO

SECTION 12: HEALTH HAZARD INFORMATION

Primary Route(s) of Exposure:

Inhalation If Irritation Develops, remove to fresh air..

Skin Contact Excessive contact with ViChem SI-60 may cause irritation of the skin. Wash area with soap and water. Get medical attention if irritation persists.

Eye Contact Can cause eye irritation. Flush with water for at least 15 minutes, hold eyelids open. Get medical attention.

Ingestion If swallowed, wash mouth out with water.

EFFECTS OF OVEREXPOSURE : Itching and redness of skin, irritation of the eyes.

Medical Conditions Aggravated by exposure : None identified. Handle with reasonable care.

SECTION 13: DISPOSAL INFORMATION

Observe all federal, state and local regulations when disposing of this substance.

SECTION 14: TRANSPORT INFORMATION

NFPA 704M RATING: Health 1 Flammability 0 Reactivity 0

SECTION 15: REGULATORY INFORMATION

TSCA inventory Yes (all ingredients)

OSHA hazard NO

EPA Regulations NO

Regulated under Resource Conservation and Recovery Act (RCRA) – NO

Regulated under Comprehensive Emergency Response Compensation and Liability Act (CERCLA) – NO

Regulated under SARA Title III - NO

SECTION 16: OTHER INFORMATION

Individuals handling this product should be informed of the recommended safety precautions and should have access to this information.

This information relates to the specific product designated and may not be valid for such product used in combination with any other materials or in any other processes. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty, or guarantee is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for their own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.

ViChem reserves the right to refuse shipment of this product to any consumer who fails to demonstrate the ability to consistently handle and use it safely and in compliance with all applicable laws, rules and regulations. Such demonstration may require on-site inspection of any or all storage, processing, packaging, and other handling systems that come in contact with it.

Customers are responsible for compliance with local, state, and federal regulations that may be pertinent in the storage, application, and disposal of this product.