

Substance key: 000000502793
Version 1

REVISION DATE: 09/03/2009
Print Date: 04/13/2010

Section 01 - Product Information

Identification of the company:	AZ Electronic Materials USA Corp. 70 Meister Avenue Somerville, NJ 08876 Telephone No.: 800-515-4164
Information on the substance/preparation	Product Safety: 908-429-3562
Emergency Tel. number:	800-424-9300 CHEMTREC

Trade name: AZ SH-114A

Section 02 - Composition information

Non-hazardous ingredients:

Chemical Name	CAS-no. (Trade secret no.)	Concentration [%]
Water	7732-18-5	93.00 - 95.00
Alkylamine, homopolymer	67829000004-6366P	4.00 - 6.00

Section 03 - Hazardous identification

Emergency overview: Clear, pale amber liquid., No odor., Water soluble., May cause mild eye and skin irritation.

Expected route of entry

Skin contact: yes
Ingestion: no
Inhalation: yes
Eye contact: Contact with liquid and mist.
Skin absorption: no



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Health effects of exposure:

Known effects on other illnesses: Preexisting skin, eye, and respiratory conditions may be aggravated.

Listed carcinogen: IARC: NO NTP: NO OSHA: NO

HMIS:

Health: 1 Flammability: 1 Reactivity: 0 Personal protection: X

NFPA:

Health: 1 Flammability: 1 Reactivity: 0 Special notice: NONE

Section 04 - First aid measures

After inhalation: Remove victim to fresh air.
Administer oxygen if breathing is difficult.
Consult physician if irritation or other symptoms occur.

After contact with skin: Immediately remove contaminated clothing and wash affected area thoroughly with soap and water.
Consult physician if exposure is extensive or if irritation occurs.

After contact with eyes: Flush thoroughly with water for 15 minutes. Get immediate medical help.

After ingestion: Get immediate medical help.
If person is conscious, give water or milk to dilute stomach contents.
Do not induce vomiting.
Never give anything by mouth to an unconscious person.

Section 05 - Fire fighting measures

Suitable extinguishing media: Carbon dioxide, water, alcohol resistant foam, dry chemical.

Fire-fighting method & equipment: Wear full protective suit. In case of combustion use a suitable breathing apparatus.

Section 06 - Accidental release measures

Steps to be taken in case of spill or leak: Wearing appropriate personal protective equipment, contain spill, collect onto inert absorbent, and place in a suitable container.

Section 07 - Handling and Storage

Advice on safe handling:

Avoid breathing vapors and contact with skin, eyes, and clothing.
Use only with adequate ventilation and proper protective eyewear, gloves, and clothing.
Wash thoroughly after handling.
Store tightly closed container in a well ventilated area.
Do not store or transport below 0 C.

Further information for storage conditions:

Keep from freezing.
Transport and store under dry conditions tightly closed.
Store in original container.

Section 08 - Exposure Control / personal protection

Respiratory protection: If airborne concentrations pose a health hazard, become irritating, or exceed recommended limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements under 29CFR1910.134.

Hand protection: Chemical resistant gloves.

Eye protection: Safety eyewear to protect against splashes.

Body protection: Clothing suitable to prevent skin contact.

Additional advice on system design: When practicable the material should be handled in enclosed processes, a properly operating laboratory hood or with other effective local exhaust ventilation.
Safety shower and eyewash must be in work area.

Section 09 - Physical and chemical properties

Form: Liquid

Color: yellow to brownish yellow



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Odor: slight, characteristic
pH value: 10.2
(25 °C)
Solubility in water: easily soluble

Section 10 - Stability and reactivity

Hazardous reactions: This product is considered a stable material under normal and anticipated storage and handling conditions.
Hazardous polymerization: Will not occur.
Conditions to avoid: Avoid contact with oxidizing agents.

Section 11 - Toxicological information

Further information: No data available.

Section 12 - Ecological information

BOD: 1.2 mg/l
Chemical Oxygen Demand (COD): 6,600 mg/l
Further ecological information: No data available.

Section 13 - Disposal considerations

Product: Consult local, state, and federal regulations.
Uncleaned packaging: Packaging that cannot be cleaned should be disposed of as product waste
RCRA hazardous waste: No -- Not as sold.

Section 14 - Transport information

Land transport

- *DOT:*
Not restricted

Sea transport

- *IMDG:*
Not restricted

Air transport

- *ICAO/IATA-DGR:*
Not restricted

Section 15 - Regulatory information

TSCA Status: All components of this product are listed on the TSCA Inventory.

SARA (section 311/312): Reactive hazard: no
Pressure hazard: no
Fire hazard: no
Immediate/acute: yes
Delayed/chronic: no

SARA 313 information: This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.

Clean water act: This product is not a Clean Water Act priority pollutant.

Section 16 - Other information

Further information

The physical, chemical, and toxicological properties of this material have not been thoroughly investigated. Therefore, it should be employed under the supervision of an individual technically qualified to understand its potential hazards.

Label information

CAUTION!

MAY CAUSE IRRITATION IF INHALED OR CONTACT WITH SKIN OR EYES

MATERIAL SAFETY DATA SHEET
AZ SH-114A



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Avoid contact with skin, eyes, and clothing. Use only with adequate ventilation, and proper protective eyewear, gloves, and clothing. Wash thoroughly after handling. Keep container closed when not in use.

In case of contact, flush eyes with plenty of water for 15 minutes. Get medical attention immediately. Flush affected skin areas with water, and wash with mild soap and water. Remove contaminated clothing. If INHALED, remove individual to fresh air. If breathing is difficult, give oxygen. If ingested, give water or milk to dilute stomach contents. Never give anything by mouth to an unconscious person. Get medical attention immediately for ingestion or breathing problems or if skin contact is extensive.

In case of fire use water spray, foam, dry chemical or CO₂. If spilled, wear protective clothing, absorb with inert material, collect and place in a chemical waste container.

Keep sealed in original container. Product should be stored > 32 F (0 C). KEEP FROM FREEZING.

The solvent in this product is not photochemically reactive per Rule 102 of the California South Coast Air Quality Management District.

This information is supplied under the OSHA Hazard Communication Standard, 29 CFR 1910.1200, and is offered in good faith based on data available to us that we believe to be true and accurate. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable to the material. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate for that use. No warranty, express or implied, is made regarding the accuracy of this data, the hazards connected with the use of the material, or the results to be obtained from the use thereof. We assume no responsibility for damage or injury from the use of the product described herein. Data provided here are typical and not intended for use as product specifications. (R) and TM indicate trademarks of AZ Electronic Materials USA Corp., its business partners and suppliers.
