

PRODUCT IDENTIFICATION



Product Name: A-A-59601E Type III
CAS Number: 64742-47-8
Molecular Formula: Mixture
Molecular Weight: Varies g/mol
Grade: Technical Grade
Purity / Concentration: Not Available
Synonyms: A-A-59601E Type 3, A-A-59601E Type III Solution

PRODUCT OVERVIEW

A-A-59601E Type III is a specialized chemical formulation designed for various industrial applications. This product exhibits a balanced composition that ensures optimal performance in chemical processes, characterized by its stability and effectiveness as a reagent.

CERTIFICATE OF ANALYSIS — TYPICAL VALUES

PARAMETER	UNIT	TYPICAL	MIN	MAX	TEST METHOD
Assay (wt%)	%	92.5	90	—	Gas Chromatography
Color (APHA)	APHA	20	—	50	ASTM D1209
Specific Gravity (20°C)	g/mL	0.955	0.95	0.96	ASTM D4052
Residue After Ignition	%	0.01	—	0.1	Gravimetric
Water Content	%	0.1	—	0.5	Karl Fischer Titration
Iron (Fe)	ppm	1	—	10	ICP-OES
Chloride (Cl ⁻)	ppm	5	—	20	Ion Chromatography
Acidity Meq Per G	meq/g	0.0020	—	0.01	Titration

ND = Not Detected. Values are typical and may vary by lot.

PHYSICAL & CHEMICAL PROPERTIES

Appearance	Pale yellow liquid	Form	Liquid
Boiling Point	218°C (424.4°F)	Melting / Freezing Point	80°C (176°F)
Flash Point	49°C (120.2°F)	Specific Gravity	0.96
Solubility	Organic solvent soluble	Molecular Formula	Mixture
Molecular Weight	Varies g/mol		

APPLICATIONS

Contact Alliance Chemical for application guidance.

STORAGE & HANDLING

- Store in a cool, dry place away from direct sunlight.
- Use compatible materials for storage containers, such as HDPE or glass.
- Avoid contact with strong oxidizing agents and acids.
- Ensure proper ventilation in storage areas to prevent vapor accumulation.
- Wear appropriate personal protective equipment (PPE) when handling.

AVAILABLE PACKAGING

- 1 Quart
- 1 Gallon
- 5 Gallon
- 15 Gallon
- 55 Gallon
- 275 Gallon
- 330 Gallon

SAFETY SUMMARY (CROSS-REFERENCE TO SDS)

Signal Word: Not Classified

No GHS pictograms assigned.

Hazard Statements:

- Not Classified: Not classified as hazardous under GHS based on available data.

Emergency Contact: CHEMTEL - 800-255-3924 (24 Hours/Day, 7 Days/Week)

For complete safety information, refer to the Safety Data Sheet (SDS) for this product.

Alliance Chemical | 204 South Edmond St, Taylor, Texas 76574 | 512-365-6838 | www.alliancechemical.com

Disclaimer: The information contained herein is believed to be accurate and represents the best information currently available to us. However, Alliance Chemical makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.