

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 Gc Fid	%	100.0	99.5	100.5	GC-FID
Color (APHA)	APHA	30	25	60	ASTM D1209
Specific Gravity (20°C)	g/mL	0.8128	0.76	0.8534	Hydrometer @ 25°C
Viscosity	cP	2.81	0	5	Per specification
Non Volatile Residue	mg/100mL	3	0	10	ASTM D1353
Non-Volatile Residue	%	0.05	0	10	Residue on Ignition
Water Karl Fischer	%	ND	0	—	ASTM E203 / ISO 6296
Chloride Cl	ppm	1	0	100.0	Ion Chromatography
Aromatics	%	0.3	—	1	Per specification
Distillation Range	—	216.5	177.0	295.0	Per specification
Flash Point	°C	81	60	—	Per specification

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: **DANGER**



Hazard Statements:

- H314: Causes severe skin burns and eye damage

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.

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