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Technical Data Sheet

TETRABUTYLPHOSPHONIUM ACID ACETATE (TBPAAc)

1. Chemical Product Identification

GHS Product Identifier: 268.44, Tetrabutylphosphonium Acid Acetate, TBPAAc

Formula: C₂₀H₄₃PO₄

CAS No.: 17786-43-5

Formula Description: Light amber to dark brown liquid.

Recommended Use: Phase transfer catalyst in epoxy resins for circuit boards and powder coating systems.

General Properties:

Molecular Weight: 378.53



2. Chemical Product Specifications

Chemical Identity	Assay	% Chloride
TPBAAc	65 – 70% in Methanol	≤ 1.0%

3. Standard Packaging

Net Weight	Packaging
15 kgs.	UN1A2/X50 5 gal composite
180 kgs.	UN6HA1 55 gal composite

4. Transport Information

SHIPPING CRITERIA	US DOT	IATA and IMDG
Proper Shipping Name	Flammable liquid, corrosive, n.o.s. (70% Tetrabutylphosphonium Acid Acetate in Methanol)	Flammable liquid, corrosive, n.o.s. (70% Tetrabutylphosphonium Acid Acetate in Methanol)
Hazard Class	Class 3, (8)	Class 3, (8)
Identification Number	UN2924	UN2924
Packing Group	PG II	PG II
Shipping Label	Flammable liquid, Corrosive	Flammable liquid, Corrosive
Additional Marking Requirement	Consult the 49CFR Non-Bulk and Bulk Requirements	Consult the 49CFR Non-Bulk and Bulk Requirements

5. Handling and Storage

Storage Conditions: Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

SDS with detailed information available upon request.