

**T.C. 769**  
**Liquid Solvent Acidic Detergent for**  
**Cleaning and Brightening Aluminum Surfaces**

**DESCRIPTION**

T.C. 769 is a liquid solvent acidic material designed for cleaning and brightening aluminum transportation equipment such as fleet trucks, buses and trailers. It also finds application on a variety of other aluminum surfaces including castings and extrusions, siding and small parts. In addition to carefully formulated brightening agents, T.C. 769's detergent and solvent properties give it outstanding cleaning action. Soiled, dull, discolored aluminum bodies can be cleaned and reconditioned in a single operation. Even when there are heavy grease deposits, a separate pre-cleaning operation can usually be eliminated.

**CHEMICAL CHARACTERISTICS**

Chemical composition	Blend of solvents, phosphoric acid, chelate, surfactant and hydrofluoric acid
Physical form	As received: white liquid As used: clear solution
Odor	Slight solvent-type
Specific gravity	1.173 @ 68°F (20°C)
Bulk density 1.173 g/l (9.8 pounds/gallon)	
Viscosity	6 cps, Brookfield Spindle 1 at 30 rpm; 68°F (20°C)
Flash point	None
Foaming tendency	Moderate
Recommended diluent	Water
Maximum solubility	Complete
Behavior in hard water	Chelates
Rinsability	Good
Biodegradable	Yes
Phosphate-free	No
Normal working concentrations	5 to 25% by volume of water
Normal working temperatures	60°F to 100°F (16°C to 38°C)
pH at working concentrations	2.2 at 4% by volume of water, 70°F (21°C)

**DISPOSAL**

Solutions of T.C. 769 should be neutralized to a pH of 6 to 8 with a mild alkali, diluted and discharged in accordance with Federal, State and Local regulations. Rinse container thoroughly with water before disposal.

**PACKAGING**

Packaged in 55-gallon non-returnable plastic drums.

**SHIPMENT**

May be shipped by any common carrier. Freight classification is "Compound, Cleaning, Liquid – Corrosive Material".

**STORAGE**

Store out of direct sunlight and away from heat. Keep container closed when not in use. Before opening drum, loosen bung slowly to remove any pressure buildup. Keep from freezing.

Effect of high temperature storage

Effect of low temperature storage

Effect of aging

Not recommended

Will freeze at 20°F (-6-7°C);

restores upon thawing

None