

Tridex APS

Electronic Air Cleaner Liquid Detergent



How It Works

An electronic air cleaner is designed to trap airborne particulate matter as it passes through a series of alternately charged aluminum plates. Periodically, these collecting components must be washed to remove these deposits so the air cleaner can continue to operate at designed efficiencies. Some small ionising/collecting cells may be removed for periodic manual cleaning; however, most modular ionising/collecting cells for commercial and industrial air cleaners are designed with integral washing systems. Typically, a metered flow of liquid detergent and hot water is added during this cleaning cycle.

Method of Use

Generally, washing with Tridex and 38°C pressurized water (40 - 60 psi) produces best results. (If using a pressure washer, damage to cell can occur if nozzle tip is too close. Caution should be taken to prevent damage.)

As an alternative for light and medium duty cleaning, soak the collection cell in Tridex for up to ten minutes and rinse with clean water. Tridex does not require diluting.

Engineered Solutions for Clean Air

Tridex is a heavy duty, industrial strength, concentrated alkaline liquid detergent formulation developed specifically for removal of stubborn airborne deposits that coat exposed ionising/collecting elements of electronic air cleaners. Deposits to be removed include tars from tobacco smoke, dirt, grease, dust, and other tenacious particulate matter which ordinarily is difficult to penetrate and make soluble with other common commercial detergents.

Features & Benefits

- Freeze-Thaw Stable
- Reasonable Low Foaming
- Effective in Hard or Soft Water
- Suspends Residue, Carbon Black Soots, Talc, Clay Dusts
- Economical to Use
- Good Rinsing Characteristics
- Buffered and Triple Inhibitor System for Brass / Aluminum Surfaces
- Safe Handling Characteristics
- Stable When Used with Hot or Cold Water
- Fast Acting in Penetrating, Lifting, and Dispersing Deposits
- Emulsifies Oils, Carbonized Tars, Grease, and Chemical Residues
- No Adverse Corrosive Effects to Air Cleaning Equipment

Applications

- Electronic Air Cleaners
- Air Conditioning Coils
- Aluminum Parts
- Pre-filters
- Range Hoods, Fans
- Registers, Dampers, Floors
- Stoves, Ovens, Grills

Application Guidelines

Detergent:

105, 1055 Series
APS Industrial

405, 4055 Series
APS Heavy Duty

Used For:

General Purpose
Cleaning

Heavy Duty
Cleaning

Trion® a division of Ruskin Air Management Ltd.

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Tridex APS

Tridex APS Specifications

Specification	105, 1055 Series APS Industrial	405, 4055 Series APS Heavy Duty
Appearance	Blue-Green Liquid	Orange Liquid
Chemical Family	Alkaline Surfactant	Alkaline Surfactant
Odor	Slight	Slight
Specific Gravity	1.01	1.02
pH	11.5 - 12.5	12 - 12.5
Solubility in Water	Yes	Yes
Stability	Stable	Stable
Storage	Cool, Non-freezing, Dry Place, Sealed	Cool, Non-freezing, Dry Place, Sealed
Freight Class	Not DOT Regulated	Not DOT Regulated
Available Packaged Size (Approx. Shipping Weights)	5 gal (56 lbs) 55 gal (509 lbs)	5 gal (56 lbs) 55 gal (509 lbs)
Available Packaged Size (Approx. Shipping Weights)	19 litres (25 kg) 208 litres (231 kg)	19 litres (25 kg) 208 litres (231 kg)



Tridex APS Recommended Application Guide

Use	Particulate	105, 1055 Series APS Industrial	405, 4055 Series APS Heavy Duty
Clean-in-Place Wash System	Light Grease/Soil	x	
	Heavy Grease/Soil		x
	Baked-on Grease/Soil		x
	Dusts, Welding Fumes	x	
	Tobacco Smoke/Tar Residues		x
	Environment Air Contaminates	x	
	Wood Smoke & Residues		x
Soak Tank	Light Grease/Soil	x	
	Heavy Grease/Soil	x	
	Baked-on Grease/Soil		x
	Dusts, Welding Fumes	x	
	Tobacco Smoke/Tar Residues	x	
	Environment Air Contaminates	x	
	Wood Smoke & Residues		x
Manual or Brush Cleaning	Light Grease/Soil	x	
	Heavy Grease/Soil		x
	Baked-on Grease/Soil		x
	Dusts, Welding Fumes	x	
	Tobacco Smoke/Tar Residues		x
	Environment Air Contaminates	x	
	Wood Smoke & Residues		x

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