



## Technical Data Sheet

## CleanSafe™ 7449 YHA

### Product Description

**CleanSafe 7449 YHA Aqueous Cleaner** is a high performance cleaning agent specially designed for use in spray-in-air cleaning processes. It is selected when cleaning aluminum alloys. CleanSafe 7449 YHA effectively removes a wide range of soils including paraffin oils, lapping compounds, oxides, smut and burned-on-oils. It has been proven to give superior cleaning results on tubes and parts with complex geometries.

### Features and Benefits

- Biodegradable
- Non-Flammable
- Residue Free Rinsing
- Removes Oils, Smut
- Low Foaming
- Non-Etching

### Properties

Odor	Mild
Flash Point	None
Specific Gravity (25°C)	1.10
pH Value (100%)	13-14

### Equipment

Suitable for a variety of cleaning equipment, including inline conveyor spray systems, spray cabinets and rotary drum cleaners.

### Process

Wash Bath Concentration	3-8%
Wash Bath Temperature	70-180 °F (21-82 °C)
DI Water Rinse Temperature	70-180 °F (21-82 °C)

### Environmental/Regulatory

Ozone Depletion Potential (ODP)	Zero
Global Warming Potential (GWP)	Zero
Volatile Organic Compound (VOC)	43 g/L
Hazardous Air Pollutant (HAP)	No
Superfund Amendments and Reauthorization Act (SARA)	Not Regulated
Hazardous Air Pollutants (NESHAPs)	Not Regulated
Resource Conservation and Recovery Act (RCRA)	Not Regulated



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### Disposal/Safety

#### Disposal

Vantage recommends contacting your current or local environmental service company for proper disposal.

#### Safety

Please see Safety Data Sheet for further information.

### Packaging

Available in 47 lb (21 kg) pails and 515 lb (234 kg) drums.

### Shelf Life

36 months when stored in original, sealed container above 50 °F (10 °C). Protect product from freezing.



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