



Technical Data Sheet

CleanSafe™ 7449 YHA Aqueous Cleaner

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.



ISO 9001:2008



RoHS
Compliant



LEAD FREE



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Vantage Specialties, Inc.

3938 Porett Drive • Gurnee, Illinois 60031 USA • **P** +1 847 244 3410 • **F** +1 847 249 6346 • www.vantagegrp.com