



Technical Information

CS 85

Cleaner / Degreaser

Low odor, heavy-duty cleaner / degreaser with controlled evaporation rate for fast removal of contaminants; No CTC or chlorinated solvents, residue free

Product Description

ASV® CS 85 is a non chlorinated, fast drying cleaner / degreaser for electrical and mechanical cleaning applications as an alternative for not only chlorinated solvents like CTC, 1,1,1 Trichloroethane but also where solvent cleaners based on MEK, xylene and aromatic solvents pose problems in terms of low flash point, toxicity, fast evaporation or possible carcinogenic substances.

ASV® CS 85 with its higher flash point to these solvents, lower toxicity levels and no residue on evaporation makes it an ideal replacement for cleaning and degreasing applications. Additionally, it does not evaporate as fast as CTC, 1,1,1, TCE, xylene or MEK due to its inherent controlled evaporation rate thereby reducing the consumption of cleaning agent required compared to other cleaners.

Safety standards from both, worker health as well as environmental, prohibit the use of chlorinated solvents like CTC or 1,1,1 TCE where as traditional cleaning solvents such as MEK or aromatic cleaning solvents pose threats of lower flash points and ozone depleting potential besides being relatively high in cost.

CS 85 is free of HAPs (hazardous air pollutants), potential human carcinogens and has zero ozone depleting potential. It is suitable for cleaning / degreasing of all electrical equipment as well as metal surfaces and mechanical equipment.

Benefits

- Removes grease, oil, dirt, dust, sludge, inks
- Non corrosive, non conductive & non staining
- Removes tar, adhesives and other tough contaminants
- Leaves no residue
- High dielectric strength
- Safe on metals, plastics and similar electrical insulation materials
- Non chlorinated, low odor formulation
- Fast penetrating and superior wetting action
- 360° Valve allows spraying in any position-even inverted
- Contains safe non flammable CO₂ propellant

Applications

For heavy duty cleaning / degreasing applications of all motors, terminals, transformers, switchgears, tuners, busbars, relays, controls, printed circuit boards, electrical, electromechanical and mechanical equipment as brakes, chains, gears, bearings, clutches, generators, hand tools, molds, dies, slides, pumps, forklifts, valves, nuts & bolts, pipes, power tools. For cleaning and removal of machining fluids, uncured sealants, hydraulic fluids etc.

Directions for Use (Bulk)

Never use on energized equipment. Do not dilute with any other cleaning agent, water or mix with any solvent. Apply onto soiled surface and continue dipping / applying / spraying liberally until only solvent runs out clearly and contaminants have been washed off. To remove heavy carbon or oxides, use a brush. Allow solvents to dry off the components before reactivating. To enhance drying time, apply forced air or wipe dry with an absorbent cloth after applying. Use only when completely dry.

Directions for Use (Aerosol)

Never use on energized equipment. Spray using pin-point extension tube onto soiled surface and continue spraying liberally until only solvent runs out clearly and contaminants have been washed off. To remove heavy carbon or oxides, use a brush. Spray starting at the top of the surface and slowly working towards the bottom. Allow solvents to dry off the components before reactivating. To enhance drying time, apply forced air or wipe dry with an absorbent cloth after applying. Use only when completely dry. Caution: Contains flammable solvents. Do not spray near naked flame, hot surfaces or energized equipment. Use with adequate ventilation.

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Technical Properties

Parameter	Unit	Value	Standard
Type		Heavy duty cleaner & degreaser	
Appearance		Liquid	
Color		Clear	
Odor		Practically nil	
Specific Gravity @ 20° C	g/cm ³	0.70-0.80	
Flash Point	°C	+ 40	ASTM D 56
Boiling Point (initial)	°C	+ 150	
Solubility in Water		Nil	
Percent Volatile	%	100 (no residue)	
Evaporation Rate		< 1 (ref: n, butyl acetate= 1)	
Dielectric Strength	Volts	38000	ASTM D 877
Kauri Butanol Value (KB)		50	ASTM D 1130
Vapor Pressure		< 10 mm at 250°	
Vapor Density		Heavier than air	
PH		NA	
Metal / Plastics Safety		No corrosion on metal surfaces; no effect and safe for plastics	
Safety Norms		No Sara Title III, Sect. 313 Chemicals (No harmful or carcinogenic substances)	
Propellant (aerosol only)		CO ₂	
<i>* of active ingredients</i>			

Available Packaging

- 500 ml aerosol spray
- 5 liter, 30 liter, 210 liter container

General

Use in well ventilated areas. Avoid continuous breathing of vapor and spray mist. In closed areas or areas with poor ventilation, use respiratory protection. For complete details on safety, short and long term exposure, refer to this product's safety data sheet (SDS).

Disposal

All used and unused product should be disposed of in accordance with state regulations.

Shelf Life

Bulk - 24 months from date of manufacture in sealed condition
Aerosol - 24 months from date of manufacture

Handling

Read instructions on the container label of the product before use. The product safety data sheet (SDS) contains the relevant information regarding personal protective equipment, safe use, physical and health hazards. Safety data sheet is available from ASV or your local ASV distributor.

Limited Warranty

The information and data contained in this sheet is accurate to the best of our knowledge or is obtained from sources, tests or experiences believed by us to be reliable and accurate. User is responsible for determining whether recommended ASV® product is fit for a particular purpose. All products should be tested for suitability on a particular application prior to actual use. We make no representations of any kind. Data offered without warranty.

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