



## Technical Information

# CS 87

## Cleaner / Degreaser

Residue free, concentrated cleaner / degreaser for fast removal of heavy contaminants from metal surfaces; No CTC or chlorinated solvents

### Product Description

ASV® CS 87 is a non chlorinated, cleaner / degreaser for mechanical cleaning applications as an alternative for chlorinated solvents like CTC, 1,1,1 Trichloroethane. Safety standards from both, worker health as well as environmental, prohibit the use of chlorinated solvents like CTC or 1,1,1 TCE.

ASV® CS 87 rapidly penetrates through grease, oil, dirt, dust and other contaminants and cleans equipment fast. It cleans metal surfaces effectively due its superior penetrating and wetting ability.

On addition to water, it seeks out grease and heavy contaminants to effectively break them down and completely removes them.

It is a residueless cleaner and does not contain any acids, phosphates, harmful chemicals or alkalis.

### Applications

For heavy duty cleaning / degreasing applications of all mechanical equipment as brakes, chains, engines, fuel and oil tanks, gears, bearings, clutches, generators, hand tools, molds, dies, slides, pumps, forklifts, valves, nuts & bolts, pipes, power tools. Safe for use on all metal surfaces, glass, most plastics and ceramics.

### Benefits

- Removes baked grease, oil, dirt, dust, sludge
- Non corrosive, non conductive & non staining
- Removes tar, adhesives and other tough contaminants
- Leaves no residue
- Safe on metals, most plastics, glass and ceramics
- Non chlorinated formulation
- Fast penetrating and superior wetting action

### Directions for Use

Never use on energized equipment. 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 residues, use a brush. To enhance drying time, apply forced air or wipe dry with an absorbent cloth after applying. Use only when completely dry. Test on plastics prior to use for compatibility.

Caution: Contains flammable solvents. Do not spray near naked flame, hot surfaces or energized equipment.

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### Technical Properties

Parameter	Unit	Value
Type		Heavy duty, concentrated cleaner & degreaser
Appearance		Liquid
Color		Blue
Odor		Mild solvent
Specific Gravity @ 20° C	g/cm <sup>3</sup>	0.80-0.90
Flash Point	°C	+48
Solubility in Water		Yes. Emulsion type formation.
Evaporation Rate		>1 (ref: n, butyl acetate= 1)
Vapor Density		Heavier than air
PH		NA
Metal / Plastics Safety		Safe on metal surfaces / Check on plastics
Safety Norms		No Sara Title III, Sect. 313 Chemicals (No harmful or carcinogenic substances)
Toxicity		None

\* of active ingredients

### Available Packaging

- 5 liter, 30 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

12 months from date of manufacture in sealed condition

### 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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