DS-108

USA Patent No. 5,437,808

Product Data Sheet

Environmentally Compliant Solvents

Product Description

DS-108 Solvent – the most widely used precision cleaning solvent in the aerospace industry. **DS-108** is a very effective cleaner on a wide range of soils including hydrocarbon soils, adhesives, epoxies, sealants, inks, dyes and common shop contaminants. **DS-108** evaporates quickly at room temperature leaving a perfectly clean surface ready for painting, coating, bonding, sealing or final assembly.

DS-108 is also used in the electronics industry for flux removal, the automotive industry, vinyl window manufacturing, screen-printing, check printing equipment, weapons cleaning and graffiti removal.

DS-108 Benefits

- Exceptional cleaning effectiveness
- Dries quickly and leaves no residue
- Low toxicity (U.S. Army Surgeon General Toxicity Clearance)
- Safe to use on a wide variety of surfaces
- Non-corrosive
- **Bio-based** renewable resource.
- No Ozone Depleting Substances (ODS) Hazardous Air Pollutants (HAP).
- EPA SNAP approved
- Aerospace NESHAP compliant

Packaging Sizes

Part #	Packaging	NSN
108.1	55-gal drum	7930-01-367-0997
108.2	5-gal jerrican	7930-01-367-0996
108.3	4 x 1-gal case	7930-01-367-0995
108.4	24 x 1-pint case	7930-01-367-0994
108.5	1-gallon	
108.6	4 x 1-pint case	

DS-108 is also available in a variety of pre-saturated wiping products.

DS-108 Properties

Flashpoint (TCC)	115°F / 46.1°C
Boiling Point	335°F / 168°C
Specific Gravity	0.95 @ 20°C
Surface Tension	15.0 (dynes/cm)
Vapor Density	>5.0
Vapor Pressure	1.1 mm Hg @ 20°C
Lb/gallon	7.95 @ 20°C
Solvency Parameters:	
Hydrogen bonding	15.8
Polarity	7.2
Dispersion	12.6

DS-108 was one of the first **bio-based** solvent blends. It has been approved for inclusion in the Federal Biobased Preferred Procurement Program (FB4P).

Partial List of Specification Approvals

Airbus	AIMS 09-00-0002
Boeing Commercial	BAC5750, D6-17487
Boeing Defense	STM0871
Boeing/McDonnell Douglas	MCS6000
Bombardier Canadair	BAPS 1800-009
Embraer	EMB145 (20-30-4)
Lockheed Martin Aero	LMA-MN040 TY II FMS 2004 TY II 5PTMNG04 TY II 5PTMVL01-B
Lockheed Martin Space	LAC 41-4939
Pratt & Whitney UTC	CMS0085 Rev A
SAE International	AMS 3166 & 3167
U.S. Navy	WS 26119 & 26188

2901 Shamrock Ave. Fort Worth, TX 76107 | t 817.335.1826 | f 817.335.2405 | info@dysol.com | dysol.com