

## Approvals and conformities

AIRBUS	AIMS 09-00-0002
AIRBUS CANADA	A2PS 180-009
BOEING COMMERCIAL	BAC5750 ; D6-17487 (Superseded by BSS 7432)
BOEING DEFENSE	STM0871
BOEING MATERIAL SPECIFICATION	HMS20-1267QPL Revision E
BOEING/McDONNELL DOUGLAS	MCS6000
BOMBARDIER	BAPS 180-009
DE HAVILLAND	DHMS S 5.01
EMBRAER	EMB145 (20-30-4)
LOCKHEED MARTIN	FMS-2004 (Type II)
LOCKHEED MARTIN AERO	LMA-MN040 TY II ; FMS 2004 TY II ; 5PTMNG04 TY II ; 5 PTMVL01-B
LOCKHEED MARTIN SPACE	LAC41-4939
McDONNELL DOUGLAS	STM0871
NSN	6850-01-557-7569 / 7930-01-367-0994 / 7930-01-367-0995 / 7930-01-367-0996 / 7930-01-367-0997 (depending on packaging sizes)
PRATT & WHITNEY	CMS0085 Rev A
SAE	AMS 3167B, AMS 2644, AMS 3166
US Navy	WS 26119 & 26188
USA Patent	N° 5,437,808

**High flash point biodegradable cleaning solvent for critical surface preparation operations prior to painting, coating, bonding, sealing or final assembly.**

**DS-108** is a solvent for precision cleaning 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.

- Excellent cleaning effectiveness
- Dries quickly and leaves no residue
- Low toxicity (U.S. Army Surgeon General Toxicity Clearance)
- **Bio-based** renewable resource. It has been approved for inclusion in the Federal Biobased Preferred Procurement Program (FB4P).
- Biodegradable
- Safe to use on a wide variety of surfaces
- Non-corrosive
- No Ozone Depleting Substances (ODS) Hazardous Air Pollutants (HAP)
- EPA SNAP approved
- Aerospace NESHAP compliant

DS-108 was one of the first **bio-based** solvent blends.

Packaging sizes available in North America (for other areas, see with your local sales contact):

- Part 108.1 / 54-gal drum / NSN 7930-01-367-0997
- Part 108.2 / 5-gal jerrican / NSN 7930-01-367-0996
- Part 108.3 / 4 x 1-gal case / NSN 7930-01-367-0995
- Part 108.4 / 24 x 1-pint case / NSN 7930-01-367-0994
- Part 108.5 / 1-gallon

**DS-108** is a product from the DYSOL range of solvents and is also available in a variety of pre-saturated wipe products. Wipes are qualified to SAE AMS 3819C, BMS15-5F and DMS 1820-1.

## USES

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**DS-108** is used for 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.

## TECHNICAL CHARACTERISTICS

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Flash point .....	(ISO 13736) 115°F / 46°C
Boiling point .....	320°F / 160°C
Specific gravity .....	(at 68°F-20°C) 0.95
Surface tension .....	15.0 (dynes/cm)
Vapour pressure .....	(at 68°F-20°C) 1.1 mm Hg
Vapour density .....	4.9

Density (Lb/gallon) ..... (at 68°F-20°C) 7.91  
Hydrogen bonding ..... 15.8 (calculation based on the characteristics of the raw materials)  
Polarity ..... 7.2 (calculation based on the characteristics of the raw materials)  
Dispersion ..... 12.6 (calculation based on the characteristics of the raw materials)

## ***PRECAUTIONS FOR USE AND STORAGE***

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For more information regarding the danger of the product, please consult the product safety data sheet according to local regulation.

For professional use only.

**This technical data sheet replaces and cancels the previous one.**

The above details have been compiled to the best of our knowledge. They have, however, an indicative value only and we therefore make no warranties and assume no liability in connection with any use of this information, particularly if a third party's rights are affected by the use of our products. The above information has been compiled based upon tests carried out by SOCOMORE. All data is subject to change as Socomore deems appropriate. The data given is not intended to substitute for any testing you must conduct in order to determine the suitability of the product for your particular purposes. Please check your local legislation applicable to the use of this product. Should you need any further information please contact us.