Approvals and conformities

AIRBUS CANADA	A2PS 180-009
BOEING COMMERCIAL	BAC5750; D6-17487 (Superseded by BSS 7432)
BOEING DEFENSE	STM0871
BOEING MATERIAL SPECIFICATION	HMS20-1267 QPL Rev E
BOEING/McDONNELL DOUGLAS	MCS6000
BOMBARDIER	BAPS 180-009
EMBRAER	EMB145 (20-30-4)
GENERAL DYNAMICS	LMS 13625 Rev C
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
NORTHROP GRUMMAN	QSM-00466
NSN	6850-01-557-7569 (5-gallon jerrican), 7930-01-367-0994 (case of 24 pints), 7930-01-367-0995 (case of four 1-gallons), 7930-01-367-0996 (5-gallon jerrican), 7930-01-367-0997 (55-gallon drum)
PRATT & WHITNEY	CMS0085 Rev A
SAE	Approved AMS 3167B for all products made in DYSOL (US site) (Site registered on QPL-AMS3167) - Conform to AMS3167B technical requirements for all products made in ELVEN (French site). AMS3166 is hereby cancelled; all technical content has been incorporated into AMS3167
US Navy	WS 26119 & 26188
USA Patent	N° 5,437,808

DS-108 Solvent is a high flash point, biodegradable cleaning solvent for critical surface preparation operations prior to painting, coating, bonding, sealing, or final assembly.

- 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) or hazardous air pollutants (HAPs)
- EPA SNAP approved
- Aerospace NESHAP compliant

DS-108 was one of the first bio-based solvent blends. DS-108 is a product from the DYSOL range of solvents and is also available in a variety of presaturated wipe products. The available wipes are qualified to SAE AMS 3819C.

DIRECTIONS FOR USE

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 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 evaporates more slowly than commodities such as acetone, so it is recommended to use a dry wipe after cleaning with DS-108. For best results, wipe off contaminants thoroughly with a clean, lint-free cloth or rag saturated with DS-108 using a single pass and folding the wipe after each pass. Following, use a dry wipe to ensure thorough removal of the surface contaminants and any residual solvent that has not evaporated.

TECHNICAL CHARACTERISTICS

Flash point ..... 46°C (115°F) (ISO 13736)
Boiling point ..... 160°C (320°F)
Specific gravity ..... 0.95 at 20°C (68°F)
Surface tension ..... 15.0 dynes/cm
Vapour pressure ..... 1.1 mm Hg at 20°C (68°F)
Vapour density 4.9
Density ..... 7.91 lb/gal at 20°C (68°F)
Hydrogen bonding ..... 15.8 (cacalculation 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

DS-108 must be used and stored below 37°C (100°F) in a sufficiently ventilated place, away from flame and heat sources. The product must be protected and kept in the closed original containers.

The shelf life of DS-108 products is minimum 12 months from date of manufacture
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.

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