

# OSYRIS DWX 9000



*Metalworking*

## UTILISATIONS

- Corrosion protection fluid that coats parts with a soft, fatty film a slight dewatering effect.
- **OSYRIS DWX 9000** complies with American Standards AXS 673, AXS 1759 grades 1 and 2, as well as with MIL-C-972 grade 3.
- **OSYRIS DWX 9000** complies with Standard ISO 6743/8 (1987) : category RFF.
- **OSYRIS DWX 9000** is fluidised by a volatile solvent.
- **OSYRIS DWX 9000** is recommended for protecting polished sheet metal, black sheet metal, galvanised sheet metal, strip steel and, generally speaking, all types of metal stored outside and of course, inside for a very long time.
- **OSYRIS DWX 9000** is suited to packaging bulky material or different types of parts in readiness for maritime transport.

## ADVANTAGES

- Protection over very long periods:
  - 2 months outside (exposed to the weather),
  - 9 months outside, in covered area,
  - 18 months when stored inside.
- Rapid evaporation of the solvent.  
After evaporation of the volatile phase, **OSYRIS DWX 9000** deposits a thick, waxy, film that is very adherent and stable.
- Very high spreading power.
- Excellent resistance to humidity, surface water and acid atmospheres
- Water-repellent properties,
- **OSYRIS SWX 9000** avoids corrosion caused by directly touching parts with the hands and is equally effective on polished parts.
- Application of the fluid can be monitored: when examined under the Wood lamp, parts show a fluorescent yellow.
- **OSYRIS SWX 9000** may be applied: by spraying, by immersion, with a brush.
- The protective film may be removed by:
  - solvent (white spirit, petrol, trichlorethelene, etc...)
    - . wiping with a cloth soaked in solvent.
    - . immersion and tiring in two successive baths for the time required ; in some cases, this may exceed 30 minutes.
  - Petrol with 1% of commercially available emulgator: soaking for 20 to 30 minutes, or more if necessary, draining, washing in hot water, drying.
  - Alkaline solutions at 85/95°C: immersion and stirring for the time required (15 to 30 minutes or more), washing in hot water, drying.We recommend the following formula for the solution:
  - . silicate of sodium: 0.5 %
  - . trisodium phosphate: 1 %
  - . sodium carbonate: 1 to 2 %.



TOTAL

TYPICAL CHARACTERISTICS	METHODS	UNITS	OSYRIS DWX 9000
Colour		-	yellow
Density	ISO 3675	kg/m <sup>3</sup>	0.849
Kinematic viscosity at 20 °C	ISO 3104	mm <sup>2</sup> /s	12
Kinematic viscosity at 40 °C	ISO 3104	mm <sup>2</sup> /s	7.5
Flash point	ISO 2719	°C	35
Thickness of film	D 591160	micron	Approx. 35
Covering capacity	-	m <sup>2</sup> /kg	30
Solvent evaporation time at 20°C	-	Min.	30
Pour point	ISO 3016	°C	- 9
Salt spray (5 % Nacl)	-	HR	> 750

Above characteristics are mean values given as an information.

**TOTAL LUBRIFIANTS**  
**Industrie & Spécialités**

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OSYRIS DWX 9000

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This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.

A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or down loaded from

[www.quick-fds.com](http://www.quick-fds.com)

