

# DINITROL 77B

## Corrosion inhibitor for universal use

DINITROL 77B DINITROL 77 B is a corrosion preventive fluid, designed for long-term protection against corrosion and, due to its residual hard film affords some protection against mechanical wear. It contains environmentally acceptable low aromatic solvents, which once evaporated leaves a thick, brown waxy film. DINITROL 77 B is primarily designed for cavity protection but may also be used for storage, transport and underbody protection.

- » **Low dry film thickness with high corrosion inhibition effect**
- » **Diverse options for application**
- » **Large-scale applications, adapted for Airless pump technology**



### Equipment

**DINITROL Spray Tool HS 1-P**  
Art. No. 1700700

**DINITROL Spray Tool UBS/HR GSI**  
Art. No. 1701900

**DINITROL Pump unit for 20 L Pails**  
Art. No. 1705100

**DINITROL Airless Pump 1:26**  
Art. No. 1705900

### DINITROL 77B

Art. No.	Size	Package	Color
11166	500 ml	Spray can	Brown
11367	1 L	Can	Brown
11164	5 L	Pail	Brown
11555	208 L	Drum	Brown

a brand of



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All data and recommendations are the result of careful tests by our laboratory. They only can be considered as recommendation which corresponds to the level of experience of today. The data are given in good faith. However, in view of the multiplicity of possible application and working methods we are not in a position to assume any responsibility or obligations deriving from the misuse of our products. Therefore, a contractual legal relationship is not justified, and there are no secondary obligations arising from any purchase contracts.

# DINITROL 77B

## Technical Details

### Product description

DINITROL 77 B is a corrosion preventive fluid, designed for long-term protection against corrosion and, due to its residual hard film affords some protection against mechanical wear.

DINITROL 77B contains environmentally acceptable low aromatic solvents, which once evaporated leaves a thick, brown waxy film.

### Applications

DINITROL 77 B is primarily designed for cavity protection but may also be used for storage, transport and underbody protection. Application temperature for product and object is recommended to be 15 – 30°C.

### Method of use

DINITROL 77 B can be applied using manual and semi-automatic application equipment to a clean dry substrate and is suitable for either airmix or airless spraying.

Leave the spray can at room temperature (16 – 20°C). Before use, shake the can briefly. The surfaces to be treated, vehicle underbody, wheel housing, inside doors, etc. must be free from dust and grease. Spray product in an even cross coat at a distance of 20 – 30 cm.

### Warning:

Product must not be applied to brake drums, brake discs, exhaust systems and drive shafts.

### Pre-treatment Substrates

Surface to be dry clean and free from loose corrosion.

### Over-Coating / 2-Layer-Application

DINITROL 77 B is normally not intended to be over-coated. For additional information please consult DINOL.

### Storage

The product shall be stored at 10-30°C. When the product is stored cool and dry, it will have a shelf life of at least 2 years when stored in unopened original packages.

### Safety precautions

Additional information can be found in the safety data sheet.

### Transportation

Additional information can be found in the safety data sheet.

## Technical Data

Colour	brown (Liter), brown, transparent (Spray)
Propellant (aerosol)	Propane/butane
Type of film	hard, waxy
Density at 23°C	870 g/m <sup>3</sup> (Liter), 0.735 g/cm <sup>3</sup> (Spray)
Viscosity at 23°C (DIN 4 cup)	50 seconds (Liter)
Dry matter content	56% by weight (Liter), 35,4% by weight (Spray)
Flash point	41°C (Liter), < -20°C (Spray)
Aromatic content in solvent	< 0.5%
Recommended film thickness wet	110 µm (Liter), 200 µm (Spray)
Recommended film thickness	50 µm
Drying time	30 minutes
Effect on car paint	none
Removability	Cold degreaser, White Spirit (Liter), Petroleum Spirit (Spray)
Low temperature adhesion	- 30°C
Heat resistance	105°C (Spray)
Storage aerosol	cool and dry < 50°C (Spray)
Salt spray test	1000 hours at 100 microns dry film
Penetration	40 mm minimum
Hazard indication R 12	high flammable
Available in	1 L Miniservice / 5 L Canister

### Spray - Hazards identification

#### 2.1. Classification of the substance or mixture

GB CLP Regulation  
Aerosol 1; H222-H229; Asp. Tox. 1; H304; STOT SE 3; H336;  
Aquatic Chronic 3; H412

### Liter - Hazards identification

#### 2.1. Classification of the substance or mixture

GB CLP Regulation  
Flam. Liq. 3; H226; STOT SE 3; H336; Aquatic Chronic 3; H412

**For all relevant safety advices please read the material safety data sheet or the packaging label.**