



# DATA SHEET

## DonCast DGS 901

**Release agent for pressure die casting**

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### General information:

DonCast 901 is an release agent especially developed by DonauChem for pressure die casting . The fast wetting even at high temperatures and the excellent detaching properties at high dilutions base on an emulsion of the newest generation. The extraordinary properties of this special emulsion types result in bright and smooth surfaces and allow – in contrast to many classical silicone oils- a post treatment (e.g. powder coating, varnishing) without problems.

### Advantages:

- Excellent detaching properties
- High dilutions; up to more than 1 : 350
- Bright & smooth castings
- Without wax
- Very good wetting within the whole temperature range
- High shear stability
- High stability of the emulsion
- Protected from the influence of micro organisms
- Environmentally compatible
- Post treatment of the castings without problems
- Stable even in hard water

# PRODUKTDATENBLATT



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#### Physical

##### properties:

Appearance: medium viscous, white liquid  
Density: 1,00 g/cm<sup>3</sup>  
pH: 6.5 – 8.5  
Dilutable with: Water

#### Storage:

To be protected from frost and intensive solar radiation. The best durability will be achieved, if the product is stored between + 5°C und 25°C.

Always close the container to avoid the introduction of dirt.

#### Application:

DonCast 901 is a concentrate and has to be diluted with water before use. The dilution ratio is between 1:150 and 1:350. It depends on the difficulty level of the casting, the temperature and the necessary cooling of the mould.

The handling of DonCast 901 doesn't require specific actions. For dilution fill up DonCast DGS 901 in a container with the adequate amount of water-the emulsion is stable even without stirring - or use professional release agent equipments. DonCast DGS 901 should be only spread by spraying.

#### Safety advice:

DonCast 901 is non-toxic and ecological harmless. For more information please read our safety data sheet acc. 91/155/EWG

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Trennmittel DGS 901-10