

# Technical Data Sheet

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## INTRON® dSol CRUDE OIL DEMULSIFIER

### DESCRIPTION

INTRON® dSol is a demulsifier for crude oil dewatering, decomposition of crude oil emulsions, diesel fuels and light furnace fuels.

### APPLICATION

INTRON® dSol reduces the interfacial tension at the oil-water interface. The pH value of the water phase is an important factor in the stability of the hydrocarbon-water emulsion and maintaining the optimal pH limit of the mixture, can increase the efficiency of the phase separation process and the fragmentation of the emulsion. The use of alkaline water leads to emulsification, poor phase separation, foaming of the system and deterioration of the process efficiency. To maintain optimal conditions for good phase separation and fragmentation of the emulsion, it is recommended to use water with a pH of 6.0-7.3. Dilute sulfuric acid is used to adjust the pH of the water.

### PHYSICAL AND CHEMICAL PROPERTIES

Physical condition	Liquid
Appearance	Colorless or light yellow
Solubility	Soluble in water
Boiling point	65°C
PH in 1% solution dist.water	5.7 at 20°C
Flash point	11 °C
Pour point	-32 °C
Density	approx. 0.941 g / cm <sup>3</sup> at 15°C

### QUALITY CONTROL

The above data are the average values at the time of publication of this technical information. They cannot be considered as specification data. Product specifications are provided in a separate product specification

### DOSAGE

Recommended dosage from 1 to 50 ppm (g/t)

### STORAGE AND PACKAGING

Store in a cool, dry, dark place in a ventilated area. Stable when stored under normal conditions. It is recommended to store in marked, tightly closed containers in warehouses equipped with mechanical ventilation and lighting in an explosion-proof design. The recommended storage temperature is not higher than 30°C. The product is delivered in 170-200kg barrels, IBC box containers, and in bulk in tankers

### REGULATORY INFORMATION

Hazard class	3.0
Designation	Flammable
Additional notes	Attention
UN-ID	1992
Shipping name	INTRON® dSol
Packing group	II

### SAFETY

Highly flammable liquid. Harmful to health if swallowed or in contact with the skin, causes skin irritation. Causes significant eye irritation, harmful if inhaled causes significant respiratory irritation when heated above 100 °C The product is capable of self-sustaining, progressive thermal decomposition.

Decomposition products may include toxic or irritating fumes. The degradation products may include nitrogen and carbon oxides, which can lead to long-term adverse changes in the aquatic environment. Like any chemical, INTRON ® dSol requires careful handling. Anyone responsible for purchasing, using or disposing of this product should familiarize themselves and inform those who work and will work with this product of the appropriate precautions.

### SUPPLIER INFORMATION

The product is supplied by PETRONAX

### CONTACT INFORMATION

PETRONAX  
63069 Offenbach am Main  
Birkenlohrstraße 22, Germany  
Тел. +49.693.487.70.43  
[sales@petronaxcorp.com](mailto:sales@petronaxcorp.com)  
[www.petronaxcorp.com](http://www.petronaxcorp.com)

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