

# UltraBlue TYPE 1/S - Specification

## Product features

UltraBlue TYPE 1/S is a liquid de-icing agent for the removal of snow, frost and ice from e.g. transport, rail or crane vehicles, lifting and conveying equipment, transport and baggage belts.

This is a formulation based on TYPE 1, supplemented by optimized surface adhesion and wetting for direct application on surfaces of all kinds, such as plastics, wood, glass, metal, painted or anodized materials.

TYPE 1/S De-icing fluid

Base: Propylene glycol, purest  
Aqua Bidest.

Operating temperature range: 0 °C to -45 °C

Typical applications:

For technical equipment and the operation of airports, shipyards, river, port, and railroad infrastructures.

## Product data

Physical state at 20°C	liquid
Color	orange
Odor	almost odourless
pH-value	8-9,5
Density (20 °C)	1,04 g/cm <sup>3</sup>
Solubility in water	Any
Flashpoint	>100 °C

## Application

The product can be supplied as a concentrate or an aqueous solution.

The concentrate must be diluted with water depending on the desired frost protection value.

The following standard solutions are available:

### **Frost protection values concentrate/water**

45/55 to -20 °C

55/45 to -30 °C

63/37 to -40 °C

## Packaging sizes

- 10 kg canister
- 25 kg canister
- 30 kg canister
- 220 kg barrel
- 1.000 kg IBC
- 24.000 kg tank vehicle

*This data relates to the correct and appropriate application of our products, with due consideration of the professional standards and regulations of the area of application. It is for informational purposes only and does not absolve the obligation to carry out the due materials testing upon arrival. The data is based on our current state of knowledge and is not meant to guarantee specific properties. No general or legally binding statement on certain features, in a concrete application, can be derived from the above data. It is meant to describe our products with regard to their composition and offer application advice. Any industrial property rights of third parties and the suitability for a special application purpose are to be observed and verified by the user.*



WITTIG Umweltchemie GmbH  
Carl-Bosch-Straße 17  
D-53501 Grafschaft-Ringen

Tel.: +49 (0) 2641 - 20510 0  
Fax: +49 (0) 2641 - 20510 22  
info@wittig-umweltchemie.de  
www.wittig-umweltchemie.de