

grotan[®] WS Plus

Compatibility*		
	compatible	to be avoided
concentrate	plastics, sealants, stainless steel, steel, aluminium, zinc	brass, copper
aqueous dilution (0.15 %)	No significant difference to water	Water incompatible materials
Further information	On contact with non-ferrous metal or non-ferrous metal containing alloys, discolourations of the surface wetted with Grotan [®] WS Plus can occur if the coolants do not contain a non-ferrous corrosion inhibitor. From the available test results, it can be concluded that the addition of Grotan [®] WS Plus has virtually no influence on the medium to be preserved. When selecting sealing materials, piping systems, collection baths, etc., the presence of Grotan [®] WS Plus as the preservative in the recommended use-concentration can be disregarded.	

*Compatibility has to be proved in each case

Labelling	
R-phrases(s)	R22, R36/38, R43, R52
S-phrases(s)	S24, S35, S37
Labelling	Xn (Harmful)
	For further hazard instructions and safety advice please refer to the actual material safety data sheet.

Environmental information
 At a sufficient degree of dilution, all components of Grotan[®] WS Plus are completely biodegradable. Dilutions of Grotan[®] WS Plus do not normally interfere with the operation of waste water treatment plants. Grotan[®] WS Plus contains no organic chlorine compounds, so that there is no effect on the AOX as a result of Grotan[®] WS Plus in the waste water. Grotan[®] WS Plus is free of organic solvents. The canisters and drums used by Schülke are made of polyethylene (HDPE) and are labelled accordingly. The containers are covered by a return scheme that ensures collection of the used containers free of charge and appropriate reuse all over Europe. The labels are made of PE. Schülke packaging materials contain no PVC and can be recycled. For further information please ask for our detailed environmental report.

Listings and approvals of active ingredients
EINECS / ELINCS (Europe)
TSCA (USA)
IECSC (China)
DSL / NDSL (Canada)
Fulfills the requirements of the TRGS 611 (Germany)

Transport & Storage	
Dangerous goods	No
UN-Number	-
Packaging group	-
Package sizes	10 kg, 200 kg, 1000 kg
Shelf life	24 Months
Storage	Protect from frost, heat and direct sunlight. Store at room temperature in the original container.

Schülke subsidiaries:



Belgium
 S.A. Schülke & Mayr
 Belgium N.V.
 1830 Machelen
 Tel. +32-02-479 73 35
 Fax +32-02-479 99 66

The Netherlands
 Schülke & Mayr Benelux B.V.
 2003 LM-Haarlem
 Tel. +31-23-535 26 34
 Fax +31-23-536 79 70

China
 Schülke & Mayr GmbH
 Shanghai Representative Office
 Shanghai 200041
 Tel. +86-21-62 17 29 95
 Fax +86-21-62 17 29 97

Switzerland
 Schülke & Mayr AG
 8003 Zürich
 Tel. +44-466 55 44
 Fax +44-466 55 33

France
 S & M France
 75341 Paris Cedex 07
 Tel. +33-1-44 11 00 81
 Fax +33-1-44 11 02 41

The United Kingdom
 Schülke & Mayr UK Ltd.
 Sheffield S9 1 AT
 Tel. +44-1142-54 35 00
 Fax +44-1142-54 35 01

Italy
 Schülke & Mayr Italia S.r.l.
 20148 Milano
 Tel. +39-02-40 21 820
 Fax +39-02-40 21 829

Other Distributors:

Argentina · Australia · Austria · Belarus · Benin · Brazil · Bulgaria · Canada · Croatia · Czech Republic · Denmark · Egypt · Estonia · Finland · Ghana · Greece · Hong Kong · Hungary · India · Indonesia · Iran · Israel · Japan · Jordan · Korea · Kuwait · Latvia · Lebanon · Lithuania · Macedonia · Malaysia · New Zealand · Nigeria · Norway · Oman · Philippines · Poland · Portugal · Russia · Saudi Arabia · Singapore · Slovakia · Slovenia · South-Africa · Spain · Sweden · Syria · Taiwan · Thailand · Turkey · Ukraine · United Arab Emirates · USA · Vietnam · Yemen

Our recommendations regarding our products are based on in-depth scientific testing in our Research Department; they are given in good faith, but no liability can be derived from them. It is the responsibility of the final product manufacturer to assure that claims made for the final product are in conformance with all applicable local laws. In other respect our Conditions of Sale and Supply apply.

Schülke & Mayr GmbH
 22840 Norderstedt
 Germany
 Tel. +49 40 52100-0
 Fax +49 40 52100-244
www.schuelke.com
 sai@schuelke.com