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Specialist companies

Systems for storing water hazardous or flammable liquids may only be installed by specialist companies in accordance with the water hazard law (WHG) § 19 I. These are subject to the constant monitoring by an independent monitoring company (e.g. TÜV, Dekra). In addition the major welding certification in accordance with DIN 18 800 is required for assembly.

Water hazard classes

based on the German administrative regulations
on water hazardous substances (VwVwS) of the
17.05.1999

WGK	Description
1	slightly water hazardous
2	water hazardous
3	highly water hazardous

Resistance

Please note p. 18

Approvals

1. The previous type approvals are replaced by the manufacturer's declaration of compliance, whereby the product must conform to the Stawa-R technical regulation.



2. For sumps of non-metallic materials and for storage systems which deviate from Stawa-R, general technical approval is issued by the DIBt



Sumps

The sump must be able to hold the volume content of the largest container (at least 10% of the total amount stored). If storage is authorised for a water protection area, the sump must be able to retain the total volume (100%) being stored. For more safety many products from DENIOS are available with more than the legal minimum capacity.

*Sump, hot-dip galvanised,
with steel grid for up
to 2 200-litre drums,
Order No.114-340-66, £ 252.00*



explosion-proof

Products identified as such are suitable for use in Zone 1 and 2 explosion-hazard areas, in compliance with the respective user manual / declaration of conformity Ex II 2 G in accordance with the Atex guideline.(see p. 39 up to 93 see p. 100 up to 182)



Common terms and abbreviations:

BetrSichV	Regulation for industrial health and safety (BSV), valid from 3.10.2002, cf. Page 128
DIBt	Deutsches Institut für Bautechnik (Berlin)
GefStoffV	Hazardous substances regulation
GGVS	Hazardous substances regulation (road)
LöRüRL	Regulations regarding the provision of water for fire
Stawa-R	Steel sumps guideline
TRbF	Technical rules for flammable liquids
TRG	Technical rules for gases
TRGS	Technical rules for hazardous materials
VAwS	Regulation regarding systems for handling water hazardous substances
VbF	Regulation regarding flammable liquids (from 1.1.2003 no longer valid, see BetrSichV)
VwVwS	Regulation regarding flammable liquids (from 1.1.2003 no longer valid, see BetrSichV)
WGK	Administrative regulations on water hazardous substances
WHG	Water hazard class Water resources law