Technical Datasheet

Trade name :	Power Cleaner 200		
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Description

Power Cleaner 200 is a high quality, concentrated, water-based cleaning fluid, that works on the basis of active washing substances (surfactants). Power Cleaner 200 breaks up the surface tension of the dirt, loosening it from the surface area, enabling the easy removal of dirt from any area. It can be applied directly to all surfaces to remove lime scale, urinary, calculus, rust and tarnish from brass or copper as well as grease and albumen. It can even remove oil from paving stones.

Chemical characterisation

Water-based acidic cleaner.

Classification according to Regulation (EC) No.1272/2008 [CLP]

Eye Irrit. 2 ; H319 - Serious eye damage/eye irritation : Category 2A ; Causes serious eye irritation.
Skin Irrit. 2 ; H315 - Skin corrosion/irritation : Category 2 ; Causes skin irritation.
Met. Corr. 1 ; H290 - Corrosive to metals : Category 1 ; May be corrosive to metals.

Transport information

ADR : UN 1760 CORROSIVE LIQUID N.O.S. (PHOSPHORIC ACID)

Water hazard class (Classification according to AwSV)

Water hazard class : 1 (Slightly hazardous to water)

Labelling for contents according to regulation (EC) No. 648/2004

< 5 % anionic surfactants
< 5 % non-ionic surfactants

Safety equipment

Eye / Face protection:	suitable safety goggles acc. EN 166	In case of splash
Hand protection:	suitable gloves type EN 374	In case of possible or long lasting skin contact
Respiratory protection:	Combination filtering device DIN EN 14387	In case of exceeding exposure limit values - Type : A

Application

Power Cleaner 200 can be used for manual cleaning or in machines, as concentrate or diluted in ratios up to 1:40 with water, at temperatures up to 90 °C. Apply Power Cleaner 200 onto the surface with a brush or a cloth and let it work, afterwards wipe it off or wash away with water. An increase in temperature increases the cleaning properties.

NOTE: *Power Cleaner 200 is not suitable for cleaning of marble or limestone. Perform compatibility testing on brass and copper parts. When used in confined spaces ensure adequate ventilation.*

Technical data

Appearance :	liquid		
Colour :	yellow		
Odour :	characteristic		
Boiling temperature :	ca. 98 °C	Solidifying temperature :	not measured
Flash point :	not relevant	Ignition temperature :	not relevant
Lower explosion limit :	not relevant	Upper explosion limit :	not relevant
Density (20 °C) :	ca. 1,13 g/cm³	pH-value (20 °C / 100 g/l) :	ca. 1,5
VOC (EG) :	2,2 Wt %	VOC (CH) :	2,2 Wt %

Storage

Keep container tightly closed. Keep/store only in original container. Protect against sub-zero temperatures. Optimized storage temperature is between 2 °C up to 35 °C. The product is storable in closed original packaging for at least 12 months. Starting date is the date of production.
Storage class (acc. TRGS 510): 8B

Disposal advices

The waste codes are recommendations based on the schedule use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances.

Waste code acc. EWC/AVV for unused product		Waste code acc. EWC/AVV for packaging	
20 01 29*	detergents containing dangerous substances.	15 01 02	plastic packaging
07 06 01*	aqueous washing liquids and mother liquors.		

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

Order information

A50010	500 ml PET bottle with trigger – TU: 20 x 500 ml (1 box)
A10010	1000 ml bottle with trigger
A02010	20 l Jerry can
A20010	200 l Drum