

Technical Datasheet



Trade name : Power Cleaner 400
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Description

Power Cleaner 400 is a less foaming, highly effective cleaning agent, for the mechanical removal of strong mineral deposits from surfaces and pipes made of different materials and metals. The cleaning agent is free of phosphoric- and hydrochloric acid, therefore it is less corrosive and cleans gentle.

Chemical characterisation

Aqueous, acidic cleaning agent

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

Eye Dam. 1; H318 - Serious eye damage/eye irritation: Category 1; Causes serious eye damage.
Skin Corr. 1B; H314 - Skin corrosion/irritation: Category 1B; Causes severe skin burns and eye damage.
Met. Corr. 1; H290 - Corrosive to metals: Category 1; May be corrosive to metals.

Transport information

ADR : UN 3265 CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (METHANESULPHONIC 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 % non-ionic surfactants
< 5 % anionic 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 skin contact
Respiratory protection:	Combination filtering device DIN EN 14387	In case of exceeding exposure limit values

Application

Power Cleaner 400 is developed for the use in pipe and radiator cleaning machines. Depending on the type and intensity of the pollution, the application concentration lies normally at 30 – 50 %.
For other kinds than pipes, power cleaner 400 is also useable in immersion and ultrasonic baths. Here are usually lower concentrations necessary. Generally, the heating of the cleaning solution shorten the cleaning time. Optimal results can be reached at ca. 50 – 60 °C.

Technical data

Appearance :	liquid	Solidifying temperature :	< 0 °C
Colour :	colourless	Ignition temperature :	not relevant
Odour :	characteristic	Upper explosion limit :	not relevant
Boiling temperature :	approx. 98 °C	pH-value :	< 1
Flash point :	not relevant	VOC (CH) :	2.6 Wt %
Lower explosion limit :	not relevant		
Density (20 °C) :	approx. 1.05 g/cm ³		
VOC (EG) :	2.6 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

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

A02094 20 l Jerry can
A20094 200 l Drum