

Technical Datasheet



Trade name : Power Cleaner KST 2.0
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Description

Power Cleaner KST 2.0 is an environmentally conscious cleaner, designed for the internal cleaning of cooling channels of plastic injection moulds. Power Cleaner KST 2.0 effectively removes lime, rust, oils, mineral deposits and many more from the cooling channels. Even with a complicated pipe geometry, the deposits are reliably removed. The cleaner is free of hydrochloric acid and solvent-reduced and therefore well tolerated by the material. Copper and brass will be lightened. Elaborate drilling of the cooling channels is eliminated, downtime is avoided. Occupational safety is increased in combination with the RWR-KST closed cleaning system. More sensitive towards metal surfaces due to the optimized formula.

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 2 ; Causes serious eye irritation.
Skin Corr. 1B ; H314 - Skin corrosion/irritation : Category 1B ; Causes severe skin burns and eye damage.

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 or enduring skin contact
Respiratory protection:	Combination filtering device DIN EN 14387	In case of exceeding exposure limit values

Application

Power Cleaner KST 2.0 is ready-to-use and used as concentrate in the RWR KST cleaning system. Clean according to the operating instructions of the RWR KST. The cleaning result can be checked using the flow indicated on the RWR KST cleaning system.

Note: Do not use on acid-sensitive surface or highly polished metals.

Technical data

Appearance :	liquid	Solidifying temperature :	ca. 0 °C
Colour :	colourless	Ignition temperature :	not relevant
Odour :	characteristic	Upper explosion limit :	not relevant
Boiling temperature :	ca. 98 °C	pH-value :	ca. 0,3
Flash point :	not relevant	VOC (CH) :	1 Wt %
Lower explosion limit :	not relevant		
Density (20 °C) :	ca. 1 g/cm ³		
VOC (EG) :	1 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): 8

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
20 01 29* detergents containing dangerous substances.

Waste code acc. EWC/AVV for packaging
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

A02009 30 l Jerry can
A20009 200 l Drum