

Desludge

KT-CC-DSL

Ultrasonic degreaser & decarboniser for engine components • alkaline concentrate

DILUTION 10–20% typically 15%	TEMPERATURE 40–60 °C heated bath	CYCLE TIME Varies soil-load dependent	PH CONCENTRATE 13 strongly alkaline
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DESCRIPTION	Desludge is formulated for ultrasonic degreasing and decarbonising of engine components. One concentrated alkaline bath removes fuel residues, carbon, grease and oil build-up, road grime and tar — and shifts salt deposits from marine engine parts. Very concentrated, it penetrates rapidly at a 10–20% dilution and works with ultrasonic cavitation in heated immersion tanks. Silicate-inhibited, so aluminium is protected at working strength.	
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KEY BENEFITS & industries	■ Degreases and decarbonises in a single bath ■ Removes road grime, tar and fuel residues ■ Shifts salt build-up on marine engine parts ■ Concentrated — economical at 10–20% dilution ■ Silicate-inhibited — safe on aluminium ■ Fully water-soluble liquid, easy to dose
	Engine reconditioning Marine Automotive workshops Transport & fleet maintenance

TYPICAL WORK	Automatic gearbox parts • valve bodies, carburettors and brake cylinders • pistons and camshafts • marine engine heads, blocks and carburettors • internal radiator surfaces • medium carbon, grease and oil build-up on engine components
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TYPICAL CHARACTERISTICS from SDS §9	<table><tr><td>Form / appearance</td><td>Green to orange liquid</td></tr><tr><td>Odour</td><td>Citrus</td></tr><tr><td>Solubility in water</td><td>Soluble</td></tr><tr><td>Density</td><td>1.06 g/cm³</td></tr><tr><td>pH, concentrate</td><td>13</td></tr><tr><td>Flash point</td><td>> 99 °C</td></tr><tr><td>Boiling point</td><td>> 100 °C</td></tr></table> Typical values only — consult the specification sheet. Sourced from the Kleentek SDS (KT-CC-DSL, v1.31, issued 01 Jun 2026).	Form / appearance	Green to orange liquid	Odour	Citrus	Solubility in water	Soluble	Density	1.06 g/cm³	pH, concentrate	13	Flash point	> 99 °C	Boiling point	> 100 °C
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USE RECOMMENDATIONS	<table><tr><td>System</td><td>Ultrasonic and heated immersion tanks</td></tr><tr><td>Dilution</td><td>10–20% v/v, typically 15% in water</td></tr><tr><td>Cleaning temperature</td><td>40–60 °C</td></tr><tr><td>Cleaning duration</td><td>Soil-load dependent — establish by trial on first use</td></tr><tr><td>Rinse</td><td>Rinse components with water after cleaning</td></tr></table> Maintain concentration by topping up as drag-out occurs; Kleentek can advise a dosing and replacement regime for your tank.	System	Ultrasonic and heated immersion tanks	Dilution	10–20% v/v, typically 15% in water	Cleaning temperature	40–60 °C	Cleaning duration	Soil-load dependent — establish by trial on first use	Rinse	Rinse components with water after cleaning
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MATERIAL COMPATIBILITY	Ferrous — carbon steel • cast iron • stainless steel Non-ferrous — aluminium (silicate-inhibited) • nickel • titanium • chrome plating Plastics & composites — HDPE • polypropylene • PVC • EPDM • Viton Other — glass Not suitable Zinc and galvanised • magnesium • tin and soft solder • cadmium plating — all attacked at pH 13. Acrylic and polycarbonate — the D-limonene and glycol ether craze them. Nitrile seals are swollen by the limonene; use EPDM or Viton. Copper and brass tarnish; painted surfaces may be lifted. Always confirm compatibility by testing with your specific contaminants under your specific cleaning conditions.
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SOILS REMOVED	Fuel residues • carbon • grease and oil build-up • road grime • tar • salt deposits on marine parts
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AVAILABILITY
& quality

10 L KT-CC-DSL-10	20 L KT-CC-DSL-20	200 L KT-CC-DSL-200	1,000 L KT-CC-DSL-1000
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Minimum order quantity 10 L. Manufactured under Kleentek's ISO 9001:2015 certified quality management system — a Certificate of Analysis for the supplied batch is available on request.

TRANSPORT

Dangerous goods — UN 3082, Class 9, PG III. Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

SAFETY & HANDLING

Classified as hazardous — GHS Danger: causes severe skin burns and eye damage; may cause an allergic skin reaction; toxic to aquatic life with long-lasting effects. Wear chemical-resistant gloves, protective clothing and eye/face protection. Refer to the Safety Data Sheet (KT-CC-DSL, v1.31); the SDS takes precedence over this document in all matters of safety.