



D-TAIL LAB - TECHNICAL DATA SHEET (TDS)

TKX — Acid-Based Wheel Cleaner

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Quick Facts

Product Code / SKUs	DTKX500 (500 mL); DTKX4LT (4 L); DTKX20L (20 L)
Product Type	Strong acid wheel cleaner
Intended Use	Painted alloy, magnesium and steel wheels (faces & barrels)
Appearance / Color	Blue
Odor / Scent	Cherry
Base / Flammable	Water-based; Non-flammable
pH (20 °C)	≈1.0–2.0 (acidic)
Specific Gravity	≈1.10 (SDS §9)
VOC (g/L)	Not available

Description & Key Benefits

Professional-grade acid cleaner engineered to break down mineral-bound grime and baked-on brake dust on neglected wheels. Use only when gentler chemistry (e.g., ORION, PURGE) won't cut it; always monitor dwell and neutralize after use.

- Fast action on heavy brake dust and oxidation
- Restores brightness on wheel faces and barrels
- Usable neat or diluted up to 1:4 to control bite and cost-in-use
- Designed for pro workflows — short dwell (15–45 s), quick agitation and thorough rinse

Suitable Surfaces / Materials

Painted/clear-coated alloy, magnesium and steel wheels; wheel faces and barrels. Always spot-test specialty/anodized finishes.

Do Not Use On / Limitations

Do not use on bare/uncoated aluminum, raw magnesium, delicate anodized finishes, carbon-ceramic components or hot surfaces. Do not allow to dry. Professional use only; wear appropriate PPE.

Dilution Chart

Task	Dilution (Product:Water)	Notes
Severe brake dust / neglected wheels	Use as supplied (RTU)	Shortest dwell; agitate; do not let dry
Moderate soil	1:2	Monitor 15–45 s dwell; agitate as needed
Light soil / maintenance	1:4 (max)	Max recommended dilution per product page

Directions for Use

Work on cool wheels in shade. Pre-rinse. Apply TKX evenly to face & barrel. Allow a short dwell ($\approx$ 15–45 s) while monitoring — do not let dry. Agitate with appropriate wheel brushes, then rinse thoroughly with strong water pressure. Neutralize and wash the wheel with a pH-neutral shampoo afterward.

Safety (Summary) — See SDS for full details

GHS Signal Word	Danger
Hazards (H)	Acute Tox. Oral Cat. 3; Acute Tox. Inhal. Cat. 4; Skin Corr. Cat. 1; Eye Dam. Cat. 1; HNOX.
Precautions (P)	Wear gloves/eye/face protection; do not breathe mist/vapours; use only outdoors or in well-ventilated area; wash after handling.
First Aid (summary)	Eyes: rinse 15+ min; call poison centre/doctor. Skin: remove contaminated clothing; rinse water. Ingestion: rinse mouth, do NOT vomit; call immediately. Inhalation: fresh air.

Transport (Summary)

UN / Proper Shipping Name	Not regulated as dangerous goods (TDG) — see SDS §14
Class / Packing Group	Not regulated
TDG / DOT / IMDG / IATA	Not regulated
Marine Pollutant	No

Environmental / Disposal

Avoid release to the environment. Dispose per local/regional regulations.

Storage & Shelf Life

Keep container tightly closed and locked up. Store away from incompatibles (see SDS §10). Protect from extremes.

Packaging & Item Numbers

Size	Item No. / SKU	Case Pack
500 mL	DTKX500	6
4 L	DTKX4LT	4
20 L	DTKX20L	

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SDS: TKX — current version available on the product page at dtailab.com