



D-TAIL LAB - TECHNICAL DATA SHEET (TDS)

ORION — Acid-Free Wheel & Tire Cleaner

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Quick Facts

Product Code / SKUs	DORI500 (500 mL); DORI4LT (4 L); DORI20L (20 L)
Product Type	Alkaline, acid-free wheel & tire cleaner (concentrate)
Intended Use	Wheels (faces & barrels) and tire sidewalls
Appearance / Color	Violet
Odor / Scent	Fruity — Orchid
Base / Flammable	Water-based; Non-flammable
pH (Concentrate, 20 °C)	12.8–13.5 (alkaline)
Specific Gravity	≈1.03 (see SDS §9)
VOC (g/L)	Not available

Description & Key Benefits

High-performance, acid-free cleaner that targets road film, oils, brake dust and mineral deposits on wheels and tires. Gentle on most factory and aftermarket finishes when used as directed.

- Acid-free formula safe for most OEM/aftermarket wheel finishes
- Fast acting on brake dust; lifts soils for a thorough rinse-off
- One product for rims and tires; strips tire browning to prep for dressing
- Flexible dilution to optimize cost-in-use (1:3 to 1:10; up to 1:20 in foamers)

Suitable Surfaces / Materials

Clear-coated, painted, powder-coated or anodized wheels (spot test specialty finishes); wheel barrels; tire sidewalls (avoid tread/braking surfaces).

Do Not Use On / Limitations

Do not use on hot surfaces or in direct sun. Do not allow to dry. Not for bare magnesium or unfinished aluminum. Always spot-test.

Dilution Chart

Task	Dilution (Product:Water)	Notes
Heavy soil	1:3	Fast cuts on brake dust and browning
Maintenance / light soil	Up to 1:10	Short dwell; agitate as needed
Manual pump foamer	Up to 1:20	Foam reduces consumption; rinse well

Directions for Use

Work on a cool, shaded wheel. Pre-rinse if possible. Dilute per soil level. Spray onto wheel face, barrel and tire sidewall. Allow 30–60 seconds dwell; do not let dry. Agitate with appropriate brushes/mitts. Rinse thoroughly. Repeat on stubborn areas.

Safety (Summary) – See SDS for full details

GHS Signal Word	Danger
Primary Hazards (H-statements)	Skin corrosion (Cat. 1); Serious eye damage (Cat. 1).
Primary Precautions (P-statements)	Wear gloves and eye/face protection. Do not breathe mist/vapours. Use ventilation. Wash after use.
First Aid (summary)	Eyes: rinse 15+ min; call poison centre/doctor. Skin: remove clothing; rinse with water. Ingestion: rinse mouth, do not vomit. Inhalation: fresh air.

Transport (Summary)

UN / Proper Shipping Name	Not regulated as dangerous goods (see SDS §14)
Class / Packing Group	N/A
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 acids and incompatible materials. Protect from extreme temperatures.

Packaging & Item Numbers

Size	Item No. / SKU	Case Pack
500 mL	DORI500	6
4 L	DORI4LT	4
20 L	DORI20L	

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SDS: see the latest version linked on the ORION product page at dtailab.com