



D-TAIL LAB – TECHNICAL DATA SHEET (TDS)

DTOX — Heavy-Duty Water-Based Degreaser

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Quick Facts

Key	Value
Product name	DTOX
Product code	DTOX
Product type	Heavy-duty water-based degreaser
Intended use	Engine bays, body panels, equipment, floors
pH (concentrate)	12.8–13.5
Base	Water-based, alkaline
Colour	Orange
Scent	Citrus
VOC / volatility	Not classified as VOC; non-flammable
Flammability	Not flammable
Ease of use	PRO
Use zones	Exterior, engine bay, undercarriage, equipment
Country of manufacture	Canada

Description & Key Benefits

DTOX is D-TAIL LAB’s powerful heavy-duty, water-based degreaser for engines, body panels and equipment. It is engineered to break down tough grease, oil and road film quickly while rinsing clean with minimal residue.

Its highly alkaline formula is ideal as a prep step before washing, decontamination or protection, delivering strong cleaning performance without harsh solvent odour.

- Heavy-duty cleaning power that quickly breaks down baked-on grease, oil, tar and grime.
- Water-based, alkaline formula — strong performance without harsh solvent fumes.

Manufacturer: D-TAIL LAB | Address: 200 Saint-François-Xavier, Unit 114D, Delson, QC, Canada | Phone: +1 514-931-4422 | Email: info@dtailab.com | Site: dtailab.com

Refer to the latest Safety Data Sheet (SDS) for complete safety and regulatory information.

- Versatile on engine bays, undercarriage, wheel wells, body panels and equipment.
- Rinses clean to leave surfaces ready for washing, decontamination or protection.
- Effective on garage floors and select marine applications (e.g., boat hulls and engine bays).
- Professional-strength performance suitable for detailing shops, fleets and mobile units.

Suitable Surfaces / Do Not Use / Limitations

Suitable surfaces:

- Painted and clear-coated body panels (pre-wash on heavy contamination).
- Engine bays and engine components (cool to the touch).
- Undercarriage, suspension components and wheel wells.
- Steel, coated metals and most painted or powder-coated surfaces.
- Garage and shop floors (sealed or coated concrete; test first).
- Select marine surfaces such as gelcoat hulls (do not leave to dry).

Do NOT use on:

- Sensitive raw or polished aluminium without prior spot testing.
- Uncoated soft metals or bare, unprotected magnesium surfaces.
- Fresh, uncured paint or sensitive single-stage finishes.
- Chrome, polished metal or anodized trims without prior testing.
- Interior surfaces, leather, fabric or soft-touch materials.

Limitations:

- Always work on a cool surface in the shade and do not allow the product to dry.
- Not intended as a glass cleaner or fine-finish maintenance shampoo.
- May stain or discolour some delicate finishes if used too strong or left to dwell too long.
- Always test in an inconspicuous area before full application.

Dilution Chart

Application	Dilution (product : water)
Heavy engine degreasing	1 : 3
General engine bay & wheel wells	1 : 5
Body panels pre-wash (heavy grime)	1 : 10
Light-duty cleaning / maintenance	1 : 20
Spot cleaning garage floors & equipment	1 : 4–10 depending on soil

Directions for Use

1. Work on a cool surface in the shade. Do not use on hot panels or in direct sunlight.
2. Pre-rinse heavy loose contamination when possible.
3. Dilute DTOX according to the application (see Dilution Chart).
4. Spray the solution evenly onto the surface from bottom to top on vertical panels.

5. Allow a short dwell time (1–3 minutes) without letting the product dry.
6. Agitate with a suitable brush or microfiber where needed.
7. Rinse thoroughly with plenty of clean water or pressure washer.
8. Repeat the process for extremely heavy build-up if required.
9. After rinsing, follow with an appropriate shampoo or wash process before protection.
10. Wear appropriate PPE (gloves, eye protection, and respiratory protection if spraying in enclosed areas).

Safety (summary) — see SDS for full details

GHS classification / signal word	Skin corrosion Category 1; Serious eye damage Category 1; Specific target organ toxicity (single exposure, respiratory irritation) Category 3; Signal word: DANGER.
Key hazard statements (summary)	Causes severe skin burns and serious eye damage. May cause respiratory irritation. Harmful to aquatic life with long-lasting effects.
Precautionary measures (summary)	Do not breathe mists or vapours. Use only outdoors or in a well-ventilated area. Wear chemical-resistant gloves, protective clothing, eye and face protection. Wash hands and exposed skin thoroughly after handling. Avoid release to the environment.
First aid (summary)	IF INHALED: Move person to fresh air and keep at rest; call a poison centre/doctor if unwell. IF ON SKIN (or hair): Immediately remove all contaminated clothing; rinse skin with water/shower; wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes; remove contact lenses if present and easy to do; continue rinsing; immediately call a poison centre/doctor. IF SWALLOWED: Rinse mouth; do NOT induce vomiting; get immediate medical attention.

Transport (summary)

UN / Proper shipping name	Not regulated as dangerous goods under TDG/DOT/IMDG/IATA.
Hazard class & packing group	Not applicable (non-regulated for transport).
Regulatory modes (TDG / DOT / IMDG / IATA)	Not regulated as a dangerous good in transport for these modes.
Marine pollutant	Not classified as a marine pollutant based on SDS information.

Environmental & Disposal

Based on SDS information, DTOX is harmful to aquatic life with long-lasting effects. Avoid uncontrolled release to drains, waterways or soil. Collect spills with inert absorbent and dispose of in appropriately labelled containers. Dispose of product and empty containers in accordance with local, regional, national and international regulations. Do not reuse empty containers before proper decontamination.

Storage & Shelf Life

Store in tightly closed original containers in a cool, well-ventilated area. Keep locked up and out of reach of children. Protect from freezing and excessive heat. Store away from strong acids and incompatible materials. Under normal conditions and in unopened containers, the recommended shelf life is 24 months from the date of manufacture.

Packaging & Item Numbers

Size	Item No. / SKU	Case Pack
500 mL	DTOX500	6
4 L	DTOX4LT	4
20 L	DTOX20LT	