

# Chiefs Duo Wash

## Product Information and Instructions

Chiefs Duo Wash is a powerful touchless cleaning solution designed to remove heavy road grime, agricultural contaminants, and red dirt from vehicles. The product comprises two components— Duo Wash Part A is a low-pH product and Part B is a high-pH product. It is the chemical reaction between these two components, when applied one over the other, that removes all contaminants from surfaces. If used correctly, the resultant runoff will be pH neutral.

**Available in 20L, 200L and 1000L**

### Dilution and Usage

**Via Suttner Downstream Injector ST-164:**

Duo Wash Part A — Apply at a concentration of between 4% and 10%. Dousing restrictor 1.2 (4%) up to 10% which is using the injector without a restrictor.

Duo Wash Part B — Dousing restrictor 0.7 (1%)

### Application Instructions

Apply a single, thick layer of Part A as a foam over a **cool, dry** vehicle.

Apply Part B, via high pressure, directly over the top of Part A, covering all areas.

Using high-pressure water, start cleaning from the bottom to the top with horizontal sweeping motions; or sweep vertically and move backward along the vehicle. Apply the water into the fresh soap, covering all areas.

High-pressure rinse all excess soap from the top to the bottom.

# A number of Chiefs or Nerta alkaline (high pH) soaps may be used in place of Part B in the Duo Wash system. This allows one of your general touchless soaps to be repurposed as Part B to minimise expense. Your Chiefs representative will advise you on the best solution for your needs.

### Notes

- If you opt to use a general-purpose high-pH soap in place of Part B, this can be used as a single-step product for fleet cleaning.
- **Do not use on either Duo Wash Part A or Part B on polished aluminium** as they may leave a white veil or streak the aluminium.

- Duo Wash is ideal to clean prime movers without polished aluminium, trailers, tautliners, tractors, cattle crates, civil and mining gear, and rolling stock.
- Part A is a low pH product (acid). In its pure form it is classified as dangerous goods (DG) and shipped accordingly. Please see the SDS for more information—note that the details of the SDS apply to the product in its pure form, while it is used in the Duo Wash system at a high dilution.
- **PPE must be used when using Duo Wash, including long sleeves, gloves, full eye protection and a respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Please refer to the SDS for full information.**
- **The SDS is designed for informing appropriate transport and handling, and applies to the neat, concentrated form of Duo Wash. The product is used for cleaning at a dilution of between 1% and 10%.**

## Working Concentrations of Active Ingredients

Duo Wash Part A:

When diluted with water to 2%, the foamed-on chemical contains approximately:

0.0006% Sulphuric Acid

0.0006% Ammonium Bifluoride

When diluted with water to 5%, the foamed-on chemical contains approximately:

0.0015% Sulphuric Acid

0.0015% Ammonium Bifluoride

Duo Wash Part B:

When diluted with water to 2%, Chiefs and Nerta high-pH soaps contain approximately:

0.0008% Sodium Hydroxide

\* Values are approximate and calculated by maximum percentages from the manufacturer's SDS.