

PRODUCT INFORMATION AND INSTRUCTIONS

Nerta Active Diamond

Active Diamond is a high pH (alkaline) multipurpose cleaner, ideal for the removal of heavy road grime and contaminants from cars, trucks, earthmoving gear and agricultural equipment.

Available in 5L, 25L, 200L and 1000L

Dilution and Usage

Via Suttner Downstream Injectors ST-160/ST-167/ST-164: Dousing restrictor 0.7 (1%) to 1.0 (2.5%)

Via Suttner ST-73 Foam Lance: Use undiluted (neat) soap on Setting 1 (2–2.5%)

Via other foam lances: The dilution should be estimated to output a foam concentration of 2–2.5%—the required dilution will vary between brands. As a guide, dilute 200ml product into 800ml water (1:4 dilution ratio) in the foamer bottle and set the lance regulator to the full minus position.

Application Instructions

Apply a single, thick layer of foam over a **cool, dry** vehicle and allow to dwell for around 1 minute.

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.

Notes

- This product is safe on all paints, stainless-steel and chrome.
- **Do not use on polished aluminium** as this product may leave a white veil or streak the aluminium.
- Care should be taken if using on ceramic coating. Please refer to the vehicle manufacturer's guidelines BEFORE applying the product.
- It is recommended that you test all products on a small inconspicuous area before use.
- Avoid applying the soap on hot surfaces. The dense foam consists primarily of water (a small volume of product is required for cleaning). Therefore, hot surfaces will cause the water to evaporate and leave the product adhered to the surface. Should this occur, re-foam over the area to reactivate the soap and wash off as per the instructions above.
- Due to Australian weather conditions, if application of the product in hot conditions cannot be avoided, the product should be applied and washed off in sections, working around the vehicle.

Nerta Carnet Jumbo

Carnet Jumbo is a high pH (alkaline) multipurpose cleaner, ideal for the removal of road grime and contaminants from cars, trucks, transportation fleets, and machinery.

Available in 5L, 25L, 200L and 1000L.

Dilution and Usage

Via Suttner Downstream Injectors ST-160/ST-167/ST-164: Dousing restrictor 0.7 (1%) to 1.0 (2.5%)

Via Suttner ST-73 Foam Lance: Use undiluted (neat) soap on Setting 1 (2–2.5%)

Via other foam lances: The dilution should be estimated to output a foam concentration of 2–2.5%—the required dilution will vary between brands. As a guide, dilute 200ml product into 800ml water (1:4 dilution ratio) in the foamer bottle and set the lance regulator to the full minus position.

Application Instructions

Apply a single, thick layer of foam over a **cool, dry** vehicle and allow to dwell for around 1 minute.

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.

Notes

- This product is safe on all paints, stainless-steel and chrome.
- **Do not use on polished aluminium** as this product may leave a white veil or streak the aluminium.
- Care should be taken if using on ceramic coating. Please refer to the vehicle manufacturer's guidelines BEFORE applying the product.
- It is recommended that you test all products on a small inconspicuous area before use.
- Avoid applying the soap on hot surfaces. The dense foam consists primarily of water (a small volume of product is required for cleaning). Therefore, hot surfaces will cause the water to evaporate and leave the product adhered to the surface. Should this occur, re-foam over the area to reactivate the soap and wash off as per the instructions above.
- Due to Australian weather conditions, if application of the product in hot conditions cannot be avoided, the product should be applied and washed off in sections, working around the vehicle.

Chiefs Platinum Plus

Platinum Plus is a non-caustic touchless cleaning solution for vehicles with a bit of bling. It's safe on all paintwork and will not streak polished aluminium tanks, bull bars, roll bars, side steps, or rims. Platinum Plus can be used for heavy soiling, wheels and engines at higher concentrations.

Available in 5L, 20L, 200L and 1000L.

Dilution and Usage

For routine touchless cleaning, use as approximately 1% concentration and increase to around 5% for heavy soiling.

Via Suttner Downstream Injectors ST-160/ST-167/ST-164: Dousing restrictor 0.7 (1%) up to 1.3 (5%).

Via Suttner ST-73 Foam Lance: Use undiluted (neat) soap on Setting 1 (2–2.5%) up to Setting 3 (5–5.5%).

Via other foam lances: The dilution should be estimated to output a foam concentration of 2%—the required dilution will vary between brands. As a guide, dilute 200ml product into 800ml water (1:4 dilution ratio) in the foamer bottle and set the lance regulator to the full minus position.

Application Instructions

Apply a single, thick layer of foam over a **cool, dry** vehicle and allow to dwell for around 1 minute.

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.

Notes

- This product is safe on all paints, stainless-steel, chrome and polished aluminium.
- Care should be taken if using on ceramic coating, please refer to the vehicle manufacturer's guidelines BEFORE applying the product.
- It is recommended that you test all products on a small inconspicuous area before use.
- Avoid letting the product dry on the vehicle, should this happen please re-foam to reactivate the product and wash off as per the instructions above.
- Avoid applying the soap to hot surfaces. The dense foam consists primarily of water (a small volume of product is required for cleaning)—as such, hot surfaces will cause the water to evaporate and leave the product adhered to the surface. Should this occur, re-foam over the area to reactivate the soap and wash off as per the instructions above.
- Due to Australian weather conditions, if application of the product in hot conditions cannot be avoided the product should be applied and washed off in sections, working around the vehicle.

Chiefs Duo Wash

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.

Nerta Super Degreaser

Super Degreaser is a hydrocarbon-based solvent cleaner. It will quickly penetrate and emulsify grease, oil, fuel, and grime. Super Degreaser is suitable for machinery, forklifts, trucks, garages, engines, chassis, motor parts, and is safe for use on hosing and electrical connections.

The product is designed to be used in conjunction with a foam-on soap such as Active Diamond or Carnet Jumbo.

Available in 5L, 25L or 200L and 1000L (special order)

Usage and Application Instructions

Do not dilute Super Degreaser.

Using a hand-held pressure sprayer, apply neat Super Degreaser to the **dry**, affected areas until wet. Allow to dwell for 2–5 minutes.

A touchless soap may be foamed over the top if general cleaning of the vehicle is also required.

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.

Notes

- This product is safe on all paints, stainless-steel, chrome and polished aluminium.
- Care should be taken if using on ceramic coating, please refer to the vehicle manufacturer's guidelines **BEFORE** applying the product.
- It is recommended that you test all products on a small inconspicuous area before use.

Chiefs Full Force Degreaser

Full Force Degreaser is a heavy-duty cleaning detergent. It is a concentrated biodegradable formula suitable for engine bays, heavy machinery, and trucks.

Full Force Degreaser has excellent foaming properties, producing a thick foam that allows extra surface dwell time for thorough emulsification of grease, oil and hydraulic fluid.

Available in 20L, 200L and 1000L.

Dilution and Usage

Via Suttner Downstream Injectors ST-160/ST-167/ST-164: Dousing restrictor between 1.5 and 2.0 (8–13.5%)

Via Suttner ST-73 Foam Lance: Use undiluted (neat) soap on Setting 5 (6.5–8%)

Via other foam lances: The dilution should be estimated to output a foam concentration of 8%—the required dilution will vary between brands. As a guide, use a 1:1 dilution ratio in the foamer bottle and set the lance regulator to the full minus position.

Application Instructions

Apply a single, thick layer of foam over the contaminated area and allow to dwell for around 1 minute. Cold water should be used for application of the foam.

Use high-pressure water to remove emulsified grease and oil, rinsing thoroughly. Hot water may be used for washing.

Notes

- This product is safe on all paints, stainless-steel and chrome.
- **Do not use on polished aluminium** as this product may leave a white veil or streak the aluminium.
- Care should be taken if using on ceramic coating, please refer to the vehicle manufacturer's guidelines BEFORE applying the product.
- It is recommended that you test all products on a small inconspicuous area before use.
- Avoid letting the product dry on the vehicle, should this happen please re-foam to reactivate the product and wash off as per the instructions above.
- Avoid applying the soap to hot surfaces. The dense foam consists primarily of water (a small volume of product is required for cleaning)—as such, hot surfaces will cause the water to evaporate and leave the product adhered to the surface. Should this occur, re-foam over the area to reactivate the soap and wash off as per the instructions above.
- Due to Australian weather conditions, if application of the product in hot conditions cannot be avoided the product should be applied and washed off in sections, working around the vehicle.

Nerta Anti-Insect

Anti Insect is a high pH (alkaline) detergent, specifically developed to remove dead insects and insect residue from vehicle bodywork and windscreens.

Available in 5L and 25L

Dilution and Usage

Via Suttner Downstream Injectors ST-160/ST-167/ST-164: Dousing restrictor 1.2 (4%)

Via Suttner ST-73 Foam Lance: Use 100% soap on Setting 2 (4–4.5%)

Via other foam lances: The dilution should be estimated to output a foam concentration of 4–4.5%—the required dilution will vary between brands. As a guide, use a 1:4 dilution ratio in the foamer bottle and set the lance regulator to the full minus position.

Application Instructions

Apply a single layer of foam over a **cool, dry** vehicle and allow to dwell for around 1 minute. A touchless soap may then be foamed directly over the top if general cleaning is required.

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.

Notes

- This product is safe on all paints, stainless-steel and chrome.
- **Do not use on polished aluminium** as this product may leave a white veil or streak the aluminium.
- Care should be taken if using on ceramic coating. Please refer to the vehicle manufacturer's guidelines BEFORE applying the product.
- It is recommended that you test all products on a small inconspicuous area before use.
- Avoid applying the soap on hot surfaces. The dense foam consists primarily of water (a small volume of product is required for cleaning). Therefore, hot surfaces will cause the water to evaporate and leave the product adhered to the surface. Should this occur, re-foam over the area to reactivate the soap and wash off as per the instructions above.
- Due to Australian weather conditions, if application of the product in hot conditions cannot be avoided, the product should be applied and washed off in sections, working around the vehicle.

Nerta Bio-Polish

Bio-Polish is a concentrated gloss, drying and preservative agent, based on biodegradable cationic surfactants. It's a touchless solution to waxing your vehicle and may act as a repellent—helping your clean to last longer.

Available in 5L and 25L.

Dilution and Usage

Via Suttner Downstream Injectors ST-160/ST-167/ST-164: Dousing restrictor 0.7 (1%)

Via Suttner ST-73 Foam Lance: Use undiluted (neat) soap on Setting 1 (2–2.5%)

Via other foam lances: The dilution should be estimated to output a foam concentration of 1%—the required dilution will vary between brands. As a guide, use a 1:1 dilution ratio in the foamer bottle and set the lance regulator to the full minus position.

Application Instructions

Apply a thin layer of foam over the **wet** vehicle after washing—no dwell time required.

Using high-pressure water, rinse the Bio-Polish off from the top to the bottom.

Notes

- This product is safe on all paints, stainless-steel, chrome, and polished aluminium.
- It is recommended that you test all products on a small inconspicuous area before use.
- Avoid letting the product dry on the vehicle, should this happen please re-foam to reactivate the product and wash off as per the instructions above.
- Avoid applying the soap to hot surfaces. The dense foam consists primarily of water (a small volume of product is required for cleaning)—as such, hot surfaces will cause the water to evaporate and leave the product adhered to the surface. Should this occur, re-foam over the area to reactivate the soap and wash off as per the instructions above.
- Due to Australian weather conditions, if application of the product in hot conditions cannot be avoided the product should be applied and washed off in sections, working around the vehicle.

Nerta Interior Cleaner

Interior Cleaner is a concentrated, powerful cleaner for car and truck interiors. It quickly removes dirt, grease and nicotine stains from interior upholstery, carpet, plastic and vinyl. The product creates an anti-static environment, keeping the interior clean for longer. The concentrated, economical formula can remove the most stubborn stains and leaves a pleasant fragrance.

Available in 5L

Dilution and Usage

- Use a 5–10% solution and apply via a spray bottle.
- For dashboards, doors and consoles: Spray onto the surface and then rinse with a damp cloth.
- For stubborn staining: Allow the product to soak for a short time and then wipe clean.
- For cloth and upholstery: Spray onto the surface and rub with a damp soft brush. Remove the dirt with a dry, clean cloth.

*Interior Cleaner can be used very effectively with the **Suttner Easyclean365+ Gun**. The gun uses compressed air and a rotary action to get into crevices and hard-to-reach places.