



NANOTECH RANGE

Technical Data Sheet

Wischerseife

“Wischerseife” literally means “Wiper Soap”. The product is a German engineered nano technology window wash/cleaning liquid designed to be used with rubber cleaning mechanisms, such as wipers, squeegees, etc. After cleaning, a hydrophobic (water repelling) effect remains on the glass surface. This means that Nano Wischerseife is glass cleaner with built in rain repelling technology.

Nano Wischerseife can be used in vehicle window washer reservoirs, but it can also be used in residential, commercial, or industrial applications as a window, glass or solar glass cleaner that has the additional benefit of creating a protective coating whilst cleaning. The fast-bonding hydrophobic technology helps to keep glass surfaces cleaner for longer. Repeated use of Nano Wischerseife will prolong the hydrophobic effect and cleaning and maintenance cycles will be reduced significantly over time.

When used on vehicle windscreens, especially with speeds or wind above 45km/h, the protective hydrophobic layer will help rain and water to easy glide of from treated glass surfaces without the continuous use of windscreen wipers. This helps to improve visibility when driving in the rain.



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PROPERTIES:

Nano Wischerseife is a concentrated nanotechnology detergent additive for vehicle windscreen water reservoirs to break down dirt, dust, debris, and even bugs, as to remove stubborn dirt and insect residue from windshield or any other window/glass surfaces. A hydrophobic layer quickly bonds to the glass, giving it an instant water and dirt repellent coating

- Concentrated (1:9): 500ml makes 5L, 1L makes 10L, etc
- Quickly removes bugs and dirt
- Wipes to a streak- and glare-free shine
- Improves scratch resistance
- Antistatic effects and reduction of resoiling
- Protected against freezing in reservoirs at low temperatures
- Acts as a de-icer to help melt or remove ice quickly.
- Incorporates advanced water repelling nanotechnology to provide long-lasting rain repellent effects.
- Ammonia-free (won't harm chrome, paintwork, rubber, or plastic)
- Also, evenly effective on smooth hard surfaces such as tiles, ceramics, smooth granite, etc.



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INSTRUCTIONS:

“Nano Wischerseife” was designed to clean and coat dirty glass in one easy application. It can be sprayed onto the glass and wiped off with a window wiper or rubber or squeegee. A cloth or sponge can also be used to wash and rinse extreme dirt from the glass, after which the glass can be dried with a rubber wiper. Any excess water can be removed with a dry cloth.

CHARACTERIZATION:

Appearance: Clear colorless Liquid

Ingredients: Preparation from cationic modified polysiloxanes, amphoteric surfactants, dihydroxy propanes and ethyl hydroxide.

Specific Gravity: 0.978g/cm³ at 20°C

Water Miscibility: miscible in cold water

pH- Value: 7-8



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PRECAUTIONS: (in concentrated form)

- Contains denatured ethyl alcohol - flammable.
- Product may make walking areas slippery, especially when wet.
- Keep out of the reach of children.
- Do not ingest - may be harmful or fatal. Avoid inhaling product mist or vapor.
- Avoid contact with eyes. Causes serious eye irritation. If contact with eyes, IMMEDIATELY (remove contact lenses) flush with water for 15 minutes. If eye irritation persists: Get medical advice/attention
- Do not ingest. May cause drowsiness, dizziness. May damage to organs, IF exposed: Call a POISON CENTER or doctor/physician Skin
- IF ON SKIN (or hair): Remove contaminated clothing. Rinse skin with water/shower. May cause skin dryness or cracking from repeated exposure.
- Fire: In case of fire: Use CO₂, dry chemical, or foam for extinction
- Store in a well-ventilated place. Keep cool
- Methods for Containment and Clean Up: Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.
- Disposal: Dispose of contents/container to an approved waste disposal plant

Other hazards

Poison; may be fatal or cause blindness if swallowed. Vapor harmful. Cannot be made non-poisonous

- Wash hands thoroughly with soap and rinse with water after using this product.



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