

NANOFORMULA CAR.CLEANER

INTENDED USES:

Waterless car wash is the simplest, easy, effective and eco way of auto care. This innovative method is much appreciated by customers. Eco car wash is recommended and widely using for car cleaning. To achieve the best car cleaning results, the factory Nanoformula designs the special eco car wash products with nano effects which ensure not only spick and span car and provide nano protection cleaned surfaces after car cleaning.

PRODUCT DESCRIPTION:

As opposed to most traditional car cleaning products and auto shampoo, Eco car wash products are new generation cleaners. They are not a detergent, do not contain acids, alkali and other dangerous components. Car cleaning products are completely safe for the environment, for the car and for the car owner.



Eco car wash products for cleaning with nano effect are applicable for any vehicle's parts, except auto interior upholstery.

There is nano dispersed composition of bentonite clay presents in car cleaning products' mixture. Bentonite clay has a high content of the montmorillonite ($Al_2 [Si_4O_{10}] (OH)_2 \cdot nH_2O$) with a wire-frame structure of aluminum silicate. It determines nano protective coating in surfaces after applied eco car wash products. Nano sized particles with high specific surface in car cleaning products form (in spite of relatively low concentration) a contiguous protective coating in all treated surfaces and reliably protect them from mechanical abrasion.

The protective coating is formed on the washed with car cleaning products also obtains super hydrophobic property. It allows to car self-cleaned as a result of "lotus effect" during driving. This self-cleaning effect after using eco car wash products appear on painted surfaces, metal, plastic, rubber and even glass and with lasts about 1 month.

Nanotech car cleaning products has a very good penetration. During eco car washing, liquid easy penetrates through the dirt and forms a protective coating between the surface and dirt on it. The adhesion of the dirt in treated surfaces with eco car wash products serious reduces, and it is reason of easily and safely qualitative removing dirt from one's without trace.

Eco car washing proceeds by a mechanism of extraction of dirt particles from the treated surface to the liquid polymer contained in car cleaning product. A layer of dirt is softened, and the abrasive particles of dirt are impregnated and covered with a liquid polymer. It is minimizing the negative impact on the paint and except scratching the surface of the vehicle. During nano eco car washing, dirt soaked with car cleaning product is absorbing by soft microfiber cloth and is removed from the surface with periodic shaking of the cloth.

Result of car cleaning with Nanoformula eco car wash products are clean and protected surfaces which additionally easy polishing. After used eco car wash products small surface's scratches visually eliminated, created dirt - and water-repellent coating, significantly reduces the possibility of a new adhesion of dirt, the car obtains an advanced appearance.

A significant advantage of Nanoformula eco car wash products is deficiency of hazardous waste, which is usually after conventional car cleaning with detergents. After applying eco car wash products with nano effects remains small amount of insoluble inert polymer mass on a cloth, which is utilized without pollution as regular solid waste. Thus, Nanoformula car cleaning products work "three in one": safe removes a dirt, provide additional protection and polish surfaces.

APPLICATION:

Nanoformula.Car.Cleaner – doesn't content any water in composition and can be applied at any outdoor temperature and at any season. This car cleaning product is recommended for use in winter, when the application of usual water-based car cleaners becomes problematic or impossible. Nanoformula Car.Cleaner.

Many drivers used the technology of dry wash are interested in the possibility of its use in the cold season. Designed for dry wash Nanoformula Car.Cleaner can be used year-round, but truly appreciate all the advantages of

this auto spa product possible in cold season, when dry wash product Car.Cleaner only is an affordable alternative to traditional auto washing.

Year-round dry wash auto spa product Car.Cleaner is a ready-to-use product, and it does not require dilution. It is not contained a water and any detergents. Designed for wash Car.Cleaner is safe and same effective for both: summer and winter contamination.

In winter, the vehicle body firstly is exposed to aggressive action of salt and anti-icing road agents which destroy the paint, and it is causing strong corrosion.

Traditional washing with water in winter is also not friendly and not always desirable, since even small amounts of water remain in car exterior when there is insufficient drying of the car, getting into micro-cracks and scratches, with a further deepening of their freezing, water promotes corrosion of the metal. The result appearances in spring when painted surfaces need recovery.

To avoid that requires gentle dry wash with special auto spa product suitable for sub-zero temperatures, because of the freezing point of Car.Cleaner is approximately about minus fifty degrees Celsius. It allows dry car wash at any outdoor temperature.

Auto spa dry wash product can not only safe remove a dirt, but also creates a protective coating that prevents contact of moisture with the metal, especially in places of scratches and paint damage. Formed protective coating after applying auto spa dry wash product Car.Cleaner reliable coats all car exterior details and easy polished and backs to car exterior an excellent appearance. Auto spa product Car.Cleaner was tested even at minus 22 degrees Celsius with a good result of dry wash and protection of all car exterior surfaces.

Good results are obtained by the dry wash with auto spa product Car.Cleaner, despite the absence of detergent in the composition because it bases on a liquid polymer which an excellent penetrated properties. The liquid easily penetrates through a layer of dirt on the surface and forms a protective coating with super hydrophobic property on the painted surface. It is particularly important for the painted car body during dry wash. The polymer's layer protects the surface from the damage effect of abrasive dirt particles and significantly reduces the dirt's adhere to the surface so that dirt easily removes with microfiber cloth from the surface. Thus, ingrained dirt, oil, salt and other vehicle pollution are absorbing by liquid of auto spa product, and it easily removed during dry wash with a soft terry microfiber cloth without damaging the surface.

As the composition of auto spa product does not contain the detergents respectively no risk of pollution with them the water system. Thereupon, the dry wash vehicle can be applied in any place without risk to pollute the environment. During dry wash, the liquid polymer coats with microfiber cloths, which should shake off from time to time to drop abrasive particles only. In time the polymer in cloth is hardened and forms inert not dangerous for the environment water-insoluble substance.

Recommended used microfiber cloths soak in water or in weak concentration detergent solution during 12 hours before laundering. Not recommended, laundered microfiber cloths dry on heating devices.

After dry wash with auto spa Car.Cleaner car exterior super hydrophobic protective coating forms not only on the painted body but also on the glass, rubber, plastic, metal parts. The protective coating is contained wireframe structure nano layer created by nano clay particles. It provides additional protection against abrasion and corrosion of the washed surfaces. Moving car is self-cleaning due to the "lotus effect" - the water drops easy roll down from the surface carried the dirt and the protective coating protects the car from corrosion and abrasives. Lasting protective nano effect is about 1 month.

Auto spa Car.Cleaner for dry wash is economic: one bottle is enough for a complete cleaning of the car 3 times, saving 160 liters of water are normally used for car washing.

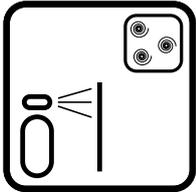
Car.Cleaner is not only effective auto spa product for dry wash. All cleaned surfaces are polishing an excellent. After dry wash all surfaces quickly and easily polished with microfiber cloth without of equipment and back an excellent appearance.

Consumption: 150g per middle class car;

Lasting effect in all surfaces: 1 month min.;

Keeping time: 3 years from date of manufacture (in packing).

USER MANUAL

	<p>Spray product on heavily soiled areas. Wait for 2-3 minutes.</p>
	<p>Dump terrycloth Cloth.Terry with product. Evenly distribute product by terrycloth on surface.</p>
	<p>Remove product without extra strength with dirt from the surface, regularly shake the cloth to clean it from sand and other dirt particles. If the cloth is not sufficiently wet, re-wet it to safely eliminate dirt from the varnished and painted car coating.</p>
	<p>Remove excess product and polish by clean cloth. To have the full nano protective results we recommend using Car.Glass and Car.Exterior after Car.Cleaner</p>

PACKING OF THE CAR.CLEANER



450ml trigger sprayer bottle:

Carton: 12 bottles

Carton size: 30cm x 22cm x 27cm

Carton gross weight: 6.60kg

Pallet: 112 cartons/1344 bottles

Pallet weight net/gross - 690kg/750kg

Labels in three languages: English, Estonian, Russian;

Order customized labels is beginning from 500 units min. per product.

SHIPPING AND EXPORT INFORMATION

Non-hazardous for any transportation.

Export HS code: 34053000



Nanoformula OÜ

VAT no. EE100140543, reg. no.10045133

Narva mnt.4, Voka, 41701, Estonia,

Tel.:+372 39 71305, Fax: +372 39 71303

<http://www.nanoformula.eu>,

email: info@nanoformula.eu