

Safety Data Sheet (SDS)

NANOSKIN CRYSTAL WASH



1. PRODUCT AND COMPANY IDENTIFICATION

Product identifiers

Product name : CRYSTAL WASH SiO₂ Fortified Hydrophobic Shampoo 200:1-400:1
Product identifier : UL-CWH
Product Family : Aqueous Mixture

Relevant identified uses of the substance or mixture and uses advised against

Identified Uses : Automotive body detailing

Details of the supplier of the safety data sheet

Company : NANOSKIN Car Care Products
Total Import Solutions, Inc.

2. HAZARD(S) IDENTIFICATION

Classification of the substance or mixture

GHS-US Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Reproductive Toxicity	Category 2

GHS Label elements, including precautionary statements

DANGER

Hazard statements

CAUSES SKIN IRRITATION

Causes serious eye damage

Suspected of damaging fertility or the unborn child



Precautionary Statements – Prevention

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Use personal protective equipment as required

Wash face, hands, and any exposed skin thoroughly after handling

Precautionary Statements – Response

IF exposed or concerned: Get medical advice/attention

Specific treatment

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lens, if present and easy to do.

Continue rinsing.

Immediately call a POISON CENTER or a doctor/physician

IF ON SKIN: Wash with plenty of soap and water

If skin irritation occurs: Get medical advice/attention

Take off contaminated clothing and wash before reuse

Precautionary Statements – Storage

Store locked up

Precautionary Statements – Disposal

Dispose of contents/container to an approved waste disposal plant

OTHER INFORMATION

Harmful to aquatic life with long lasting effects

Toxic to aquatic life

To the best of our knowledge, the toxicological properties of this mixture have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS number	Concentration
Water	7732-18-5	60-70%
Polydimethylsiloxane	63148-62-9	5-15%
Dodecyl dimethylamine Oxide	1643-20-5	5-10%
D-Glucopyranose, oligomeric, decyl octyl glycoside	68515-73-1	1-5%
POE (4) Lauryl Alcohol	9002-92-0	1-5%
Nonionic Surfactant Blend	Proprietary	1-5%

4. FIRST AID MEASURES

First aid procedures

After inhalation:

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

After contact with skin:

Wash off with soap and plenty of water. Consult a physician.

After contact with eyes:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if effects occur.
After ingestion:	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Advice to doctor / Treatment:	None known.

5. FIRE FIGHTING MEASURES

Flashpoint:	not tested.
Explosive Limits:	not tested.
Self ignition:	not tested
Ignition temperature:	not tested.
Hazardous combustion products:	carbon oxides, silicon oxides
Extinguishing media:	Use water spray, alcohol resistant foam, dry chemical or carbon dioxide
Special fire fighting procedure:	Wear self-contained breathing apparatus for firefighting if necessary
Unusual fire and explosion hazards:	Product can potentially float on water.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid dust formation. Avoid breathing vapors, mist, or gas. For personal protection see section 8
Environmental Precautions	Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.
Methods for Containments and Clean-up	Contain large spills as best as possible. Dam flow with appropriate materials and absorb centralized spillage with inert material such as vermiculite, cat litter or diamaceous earth. Sweep and dispose of as needed. For small spills, wipe away and wash exposed area.

7. HANDLING AND STORAGE

Handling:	Comply with the legal requirements. Remove contaminated clothing immediately. Clean contaminated clothing. Handle uncleaned empty containers as full ones. Thoroughly clean/dry the installation before use. Do not discharge the waste into the drain. Do not use compressed air for pumping over. Use spark-/explosionproof appliances and lighting system. Take precautions against electrostatic charges. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Observe normal hygiene standards. Keep container tightly closed. Measure the concentration in the air regularly. Work under local exhaust/ventilation.
Storage:	Store in a cool area. Store in a dry area. Ventilation at floor level. Fireproof storeroom. Provide for an automatic sprinkler system. Provide for a tub to collect spills. Provide the tank with earthing. May be stored under nitrogen. Meet the legal requirements.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guideline Comments

Exposure Limits: Contains no substances with occupational exposure limit values.

Engineering Controls

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide adequate general and local exhaust ventilation.

Personal Protective Equipment (PPE)

Eye/Face Protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN166(EU).

Skin Protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Respiratory Protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type AXBEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

General Hygiene Considerations

Wash hands before and after use and before smoking eating or drinking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	Turquoise Liquid
Particle Size	not applicable
Odor	Slight
Boiling Point	>100 °C
Decomposition Temperature	No Available Data
Relative Density	1.05 g/cm ³
Bulk Density	No Available Data
Solubility in Water	100%
Solubility in other liquids	No Available Data
pH	7.0-7.5
Flash point	No Available Data

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions
Conditions to Avoid	Direct sunlight. High temperature. Incompatible materials. Open flame. Sparks
Hazardous Decomposition Products	Carbon dioxide. Carbon monoxide
Possibility of Hazardous Reactions	Do not bring into contact with oxidizers, bases, reducing agents, acetone reacts violently with phosphorous oxychloride.

11. TOXICOLOGICAL INFORMATION

Serious eye damage/irritation: No data available

Respiratory or skin sensitization: No data available

Germ cell mutagenicity: No data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probably, possible, or confirmed human carcinogen by IARC

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA

Reproductive toxicity No data available

Specific target organ toxicity – single exposure No data available

Specific target organ toxicity – repeated exposure Not classified

Aspiration hazard Not classified

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

12. ECOLOGICAL TOXICITY

Toxicity

Harmful to aquatic life

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

Waste disposal recommendations:

Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Recycle by distillation. Remove to an authorized waste incinerator for solvents with energy recovery. Do not discharge into surface water. Obtain the consent of pollution control authorities before discharging to wastewater treatment plants.

14. TRANSPORT INFORMATION

Shipping Information

Product is not UN rated in product sizes as sold.

Product is not flammable or hazardous.

Ensure, before use, that product is not restricted by any local, state or federal environmental restrictions not otherwise stated.

NFPA/HMIS

2 HEALTH

1 FLAMMABILITY

0 REACTIVITY

15. REGULATORY INFORMATION

United States

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313

SARA 311/312 Hazards

Acute, Chronic

Massachusetts Right To Know Components

None

Pennsylvania Right To Know Components

122-99-6 2-phenoxyethanol

New Jersey Right To Know Components

122-99-6 2-phenoxyethanol

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

16. OTHER INFORMATION

SDS Prepared by Disclaimer

Total Import Solutions, Inc. dba NANOSKIN Car Care Products

This health and safety information is correct to the best of our knowledge and belief at the date of its publication, but we cannot accept liability for any loss, injury or damage which may result from its use. We shall ensure, so far as is reasonably practicable, to maintain revised copies of this information to be requested. When applicable, revised copies shall be sent to customers whom have been directly supplied with this substance. It must be known that it is the responsibility of any intermediate supplier to ensure that such revision is passed to the user. The information given in the Data Sheet is designed only as guidance for safe handling, storage and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this sheet.