

# Safety Data Sheet (SDS)

## NANOSKIN FIRE STORM ULTRA CONCENTRATED ALL PURPOSE CLEANER & DEGREASER



### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product identifiers

Product name : NANOSKIN FIRE STORM ULTRA CONCENTRATED ALL PURPOSE CLEANER & DEGREASER  
 Product identifier : NA-FSM  
 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.  
 14700 Radburn Ave.  
 Santa Fe Springs, CA 90670

Telephone : [562-691-6818](tel:562-691-6818)

Fax : [562-483-8333](tel:562-483-8333)

#### Emergency telephone number

Emergency phone # : PERS NORTH AMERICA 1-800-633-8253  
 INTERNATIONAL 1-801-629-0667

### 2. HAZARD(S) IDENTIFICATION

#### Classification of the substance or mixture

##### GHS-US Classification

|  |      |   |
|--|------|---|
| Serious eye damage/eye Category 1                              | H318 | Causes serious eye damage               |
| Acute toxicity (Oral) Category 4                               | H302 | Harmful if swallowed                    |
| Skin corrosion/irritation Category 1B                          | H314 | Causes severe skin burns and eye damage |
| Hazardous to the aquatic Environment – Acute Hazard Category 3 | H402 | Harmful to aquatic life                 |

#### GHS Label elements, including precautionary statements

**SIGNAL WORD: DANGER**

Pictogram



**GHS Classification in accordance with 29 CFR 1910(OSHA HCS)****Hazard Statements**

H314 – Causes severe skin burns and eye damage

H302 – Harmful if swallowed

H318 – Serious eye damage/Eye irritation

H402 – Harmful to aquatic life

**Precautionary Statements**

P210 – Keep away from heat/sparks/open flames/hot surfaces. No smoking

P233 - Keep container tightly closed.

P261 - Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P264 - Wash skin thoroughly after handling.

P271 - Use only outdoors or in a well-ventilated area.

P280 - Wear protective gloves/ eye protection/ face protection.

P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340 + P312 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists: Get medical advice/ attention.

P370 + P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.

P403 + P235 - Store in a well-ventilated place. Keep cool.

P501 - Dispose of contents/ container to an approved waste disposal plant.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Component                     | CAS number | Concentration | GHS-US Classification  |
|-------------------------------|------------|---------------|--|
| Water                         | 7732-18-5  | 65-70%        |  |
| Alcohols, C9-C11, ethoxylated | 68439-46-3 | 1-5%          | Acute Tox. 4(oral), H302<br>Eye Dam. 1, H318   |
| Propylene Glycol              | 57-55-6    | 5-10%         |  |
| Sodium Metasilicate           | 6843-92-0  | 1-5%          | Acute Tox. 4(oral), H302<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318                            |
| Sodium Tripolyphosphate       | 7758-29-4  | 1-5%          |  |
| Sodium Hydroxide              | 1310-73-2  | 1-3%          | Acute Tox. 4(dermal), H312<br>Skin Corr. 1A, H314<br>Eye Dam. 1, H318<br>Aquatic Acute 3, H402 |
| Potassium Hydroxide           | 1310-58-3  | 0.1-1%        | Eye Dam. 1, H318   |

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|                         |           |        |   |
|-------------------------|-----------|--------|---|
|                         |           |        | Skin Corr. 1A, H314<br>Acute Tox. 4(oral), H302 |
| Sodium Xylene Sulfonate | 1300-72-7 | 0.1-1% | Eye Dam. 1, H318                                |

#### 4. FIRST AID MEASURES

##### First aid procedures

###### After inhalation:

Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

###### After contact with skin:

Immediately wash skin with soap and water. May cause irritation. Seek medical attention if irritation or allergic reaction is present.

###### After contact with eyes:

Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.

###### After ingestion:

Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

###### 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:

alcohol-resistant foam, carbon dioxide, dry powder, water spray, Apply alcohol-type or all purpose-type foams by manufacturers' recommended techniques for large fires or water spray. Use carbon dioxide or dry chemical media for small fires. Use self-contained breathing apparatus and protective equipment. Cool endangered containers with water jet.

##### Unusual fire and explosion hazards:

Product can potentially float on water.

#### 6. ACCIDENTAL RELEASE MEASURES

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**Personal Precautions**

Use the Personal Protective Equipment recommended in Section 8 of this SDS

**Environmental Precautions**

Spilled product may present a slipping hazard or result in unintended fumes. Please absorb excess, rinse area and ensure adequate ventilation. Spilled product represents a severe slipping hazard.

**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 diatomaceous 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. Store in a cool area. Store in a dry area. Ventilation at floor level.

**Storage:**

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                  | Burgundy colored liquid |
| Particle Size               | not applicable          |
| Odor                        | Slight                  |
| Boiling Point               | 100 °C                  |
| Decomposition Temperature   | No Available Data       |
| Relative Density            | 1.01 g/cm <sup>3</sup>  |
| Bulk Density                | No Available Data       |
| Solubility in Water         | 100%                    |
| Solubility in other liquids | No Available Data       |
| pH                          | 12.5-13                 |
| 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:                     | Causes serious eye damage |
| Respiratory or skin sensitization:                 | Causes skin irritation    |
| Germ cell mutagenicity:                            | No data                   |
| Carcinogenicity                                    | No data                   |
| Reproductive toxicity                              | No data                   |
| Specific target organ toxicity – single exposure   | No data                   |
| Specific target organ toxicity – repeated exposure | Not classified            |
| Aspiration hazard                                  | Not classified            |

## 12. ECOLOGICAL TOXICITY

|                  |   |
|------------------|---|
| General Comments | No data available. Silicone oils present hazards and issues within environments. Do not release into environment. Do not dispose of in sewers or waterways. |
|------------------|---|

## 13. DISPOSAL CONSIDERATIONS

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**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**

3 HEALTH

1 FLAMMABILITY

1 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 S

ARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards

Massachusetts Right To Know Components

|           |                |       |
|-----------|----------------|-------|
| 7757-82-6 | Sodium Sulfate | <0.1% |
|-----------|----------------|-------|

|           |                          |      |
|-----------|--------------------------|------|
| 7758-29-4 | Pentasodium triphosphate | 1-5% |
|-----------|--------------------------|------|

Pennsylvania Right To Know Components

|            |                               |      |
|------------|-------------------------------|------|
| 68439-46-3 | Alcohols, C9-C11, ethoxylated | 1-5% |
|------------|-------------------------------|------|

|           |                |       |
|-----------|----------------|-------|
| 7757-82-6 | Sodium Sulfate | <0.1% |
|-----------|----------------|-------|

|           |                          |      |
|-----------|--------------------------|------|
| 7758-29-4 | Pentasodium triphosphate | 1-5% |
|-----------|--------------------------|------|

New Jersey Right To Know Components

|            |                               |      |
|------------|-------------------------------|------|
| 68439-46-3 | Alcohols, C9-C11, ethoxylated | 1-5% |
|------------|-------------------------------|------|

|           |                          |      |
|-----------|--------------------------|------|
| 7758-29-4 | Pentasodium triphosphate | 1-5% |
|-----------|--------------------------|------|

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**

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**SDS Prepared by  
Disclaimer**

**Total Import Solutions, Inc. dba NANOSKIN Car Care Products**

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