

Safety Data Sheet (SDS)

NANOSKIN SHAKE N' CLEAN Spot-Free Glass & Surface Cleaner



1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : NANOSKIN SHAKE N' CLEAN
Product identifier : NA-SCN
Product Family : Aqueous mixture

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

Identified Uses : Automotive body detailing

1.3 Details of the supplier of the safety data sheet

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

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

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

Precautionary Statements

P102: Keep out of reach of children.
P301 IF SWALLOWED: FOLLOW INSTRUCTIONS IN FIRST AID.
P302: IF ON SKIN: FOLLOW INSTRUCTIONS IN FIRST AID.
P353: Rinse skin with water/shower.
P374: Fight fire with normal precautions from a reasonable distance.
P412: Do not expose to temperatures exceeding 50 °C/122 °F.

2.2 GHS Label elements, including precautionary statements

Pictogram



3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS number	Warnings	Concentration
ISOPROPYL ALCOHOL	6763-0		1-3%
water	7732-18-5		84-95%
2-Butoxyethanol	111-76-2		1-3%
Surfactant blend			<1%
Polymer			<1%
Triethanolamine			<0.1%

4. FIRST AID MEASURES

First aid procedures

After inhalation:

Get victim to fresh air. Give artificial respiration or oxygen if breathing has stopped. Get prompt medical attention. Do not give fluids if victim is unconscious. If victim is conscious, rinse mouth with water and contact emergency number listed in section 1.4.

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:

Immediately flush eyes with running water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek prompt medical attention if redness or irritation occurs. Avoid agitation. Abrasives present in substance may scratch eyes. Remove contact lenses if able.

After ingestion:

Rinse mouth with water, contact poison control center or emergency number listed in section 1.4.

Advice to doctor / Treatment:

None known.

5. FIRE FIGHTING MEASURES

Flashpoint: Unknown, aqueous mixture.

Lower explosion limit: Not applicable

Upper explosion limit: Not applicable

Self ignition: Not applicable

Ignition temperature: not tested.

Hazardous combustion products: carbon oxides, copper oxides, tin oxides, zinc oxides, aluminum oxides

Extinguishing media: water spray jet alcohol-resistant foam carbon dioxide dry powder

Special fire fighting procedure:

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:

May emit toxic fumes under fire conditions. Product can potentially float on water..

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use the Personal protective Equipment recommended in Section 8 of this SDS
Environmental Precautions	Spilled product may present a 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 diamaceous earth. Sweep and dispose of as needed. For small spills, wipe away and wash affected area.

7. HANDLING AND STORAGE

Handling	Avoid allowing dried product to become airborne, as particles may irritate lungs. Wear gloves while in use, protect hands, face and skin from debris, particles and skin contact as best as possible. Abrasives present may irritate skin.
Storage	Store with caution. Do not store in temperatures above 120F. Bottle/container may swell and or fumes accumulate. Store in adequate ventilation.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guideline Comments	Exposure Limits:
2-butoxyethanol	111-76-2 TWA 20 ppm ACGIH
Engineering Controls	Adequate ventilation necessary.
Personal Protective Equipment (PPE)	
Skin Protection	Wear gloves while in use.
Respiratory Protection	Niosh approved respirator for airborne particles if adequate ventilation not present.
General Hygiene Considerations	Treat products as sum of its components. Oxides and particulate matter may irritate lungs. Wash hands before and after use and before smoking eating or drinking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Gel liquid
Particle Size	not applicable
Odor	Orange scented
Odor Threshold	No Available Data
Molecular Formula	Mixture
Molecular Weight	Mixture
Boiling Point	>200F
Decomposition Temperature	No Available Data
Melting point	32F
Freezing Point	32F
Relative Density	.997g/cm3
Bulk Density	No Available Data
Solubility in Water	100%
Solubility in other liquids	No Available Data
pH	6-8
Flash point	No Available Data

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions.
Conditions to Avoid	Avoid extreme temperatures.
Hazardous Decomposition Products	Carbon Oxides
Possibility of Hazardous	

Reactions

Do not bring into contact with oxidizers.

11. TOXICOLOGICAL INFORMATION

2-butoxyethanol:

Acute oral toxicity : LD50 Oral (Rat): 1,300 mg/kg

Acute toxicity

LD50 Oral - Rat - 5,045 mg/kg

Remarks: Behavioral: Altered sleep time (including change in righting reflex). Behavioral: Somnolence (general depressed activity).

LC50 Inhalation - Rat - 8 h - 16000 ppm

LD50 Dermal - Rabbit - 12,800 mg/kg

No data available

Skin corrosion/irritation

Skin - Rabbit

Result: Mild skin irritation

Isopropyl Alcohol:

Effects of Short-Term (Acute) Exposure

No data available.

Inhalation

No data available.

Ingestion

No data available.

12. ECOLOGICAL TOXICITY**General Comments**

No known components of this formula that are potentially environmentally hazardous are known bio accumulators or otherwise no data available enough to determine appropriate designation.

Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 9,640.00 mg/l - 96 h

Toxicity to daphnia and other aquatic invertebrates EC50 - Daphnia magna (Water flea) - 5,102.00 mg/l - 24 h

Immobilization EC50 - Daphnia magna (Water flea) - 6,851 mg/l - 24 h

Toxicity to algae EC50 - Desmodesmus subspicatus (green algae) - > 2,000.00 mg/l - 72 h

EC50 - Algae - > 1,000.00 mg/l - 24 h

ISOPROPYL ALCOHOL

2-butoxyethanol:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 1,474 mg/l
Exposure time: 96 h Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 1,550 mg/l Exposure time: 48 h Toxicity to algae : EC50 (Pseudokirchneriella subcapitata (algae)): 1,840 mg/l Exposure time: 72 h
Toxicity to fish (Chronic toxicity) : NOEC (Danio rerio (zebra fish)): > 100 mg/l
Exposure time: 21 d**13. DISPOSAL CONSIDERATIONS**

Dispose of in accordance with federal, provincial and local government regulations. Containers should NOT be re-used. Containers should be disposed of in accordance with government guidelines.

14. TRANSPORT INFORMATION

Shipping Information

Product is not UN rated. Product is not flammable or known to have any restrictions in transport. Ensure, before use, that product is not restricted by any local, state or federal environmental restrictions not otherwise stated.

Special Shipping Information

Not applicable.

HMIS

HEALTH 1

FIRE 1

REACTIVITY 0

15. REGULATORY INFORMATION

California

Product is not known, at this time, to contain any California prop 65 materials.

16. OTHER INFORMATION

SDS Prepared by

Total Import Solutions, Inc. dba NANOSKIN Car Care Products

Disclaimer

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.