

Safety Data Sheet (SDS)

NANOSKIN IRON FREE



1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : NANOSKIN IRON FREE Paint, Wheel & Glass Decontamination/ Fallout Remover
Product identifier : NA-IFE
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.
14700 Radburn Ave.
Santa Fe Springs, CA 90670
Telephone : [562-691-6818](tel:562-691-6818)
Fax : [562-483-8333](tel:562-483-8333)

1.4 Emergency telephone number

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

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

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

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary Statements

P264 Wash skin thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear eye protection.

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth. P302 + P352 + P312 IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or doctor/ physician if you feel unwell.

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.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

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

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2.2 GHS Label elements, including precautionary statements**SIGNAL WORD: WARNING**

Pictogram

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS number	Warnings	Concentration
Xanthan Gum	11138-66-2		<1%
ALKYL C10-16 ETHER SULFATE SODIUM SALT	68585-34-2		1-5%
Glycerine	56-81-5		>1%
Sodium Xylene Sulfonate	1300-72-7	Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; H315, H319, H335	5-10%
Diethylene Glycol Monobutyl Ether	112-34-5		1-5%
Tetrasodium EDTA	64-02-8		1-5%
Sodium Thioglycolate	367-51-1		15-20%

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. Never give anything by mouth to an unconscious person.

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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, sodium oxides, sulfur 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:** 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 or result in unintended fumes. Please absorb excess, rinse area and ensure adequate ventilation.**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** Wear gloves while in use, protect hands, face and skin from prolonged and repeated exposure. May cause skin cracking, drying and irritation.**Storage** Store with caution. Do not store in temperatures above 120F. Bottle/container may swell and or damage product.**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guideline Comments** Exposure Limits:
2-(2-Butoxyethoxy)ethanol 112-34-5 TWA 10.000000 ppm USA. ACGIH Threshold Limit Values (TLV)**Engineering Controls** Adequate ventilation necessary.**Personal Protective Equipment (PPE)****Eye/Face Protection** Wear goggles if deemed necessary. Concentrated and diluted solution may irritate eyes.**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. Wash hands before and after use and before smoking eating or drinking.**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical State	liquid
Appearance	yellow
Particle Size	liquid
Odor	fragrant
Odor Threshold	No Available Data
Molecular Formula	Mixture

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Molecular Weight	Mixture
Boiling Point	200f
Decomposition Temperature	No Available Data
Melting point	32F
Freezing Point	32F
Relative Density	1g/cm3
Bulk Density	No Available Data
Solubility in Water	100%
Solubility in other liquids	No Available Data
pH	7-7.5
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, sodium oxides, sulfur oxides
Possibility of Hazardous Reactions	Do not bring into contact with oxidizers.

11. TOXICOLOGICAL INFORMATION

ALKYL C10-16 ETHER SULFATE SODIUM SALT

Dermal Acute > 2000 mg/kg LD50 Rat Oral > 2000 mg/kg

TETRASODIUM EDTA

LD50 Oral - rat - 630 - 1,260 mg/kg

DIETHYLENE GLYCOL BUTYL ETHER

LD50 Oral - Rat - male - 7,291 mg/kg (OECD Test Guideline 401) Inhalation: No data available LD50 Dermal - Rabbit - male - 2,764 mg/kg (OECD Test Guideline 402)

SODIUM XYLENE SULFONATE

LD50 Oral - rat - male and female - >= 7,200 mg/kg Inhalation: no data available LD50 Dermal - rabbit - male and female - > 2,000 mg/kg

Skin Irritation/Corrosion

May be irritating to skin.

Eye Irritation/Corrosion

May cause eye irritation/damage.

Effects of Short-Term (Acute) Exposure

No data available.

Inhalation

No data available.

Ingestion

No data available.

12. ECOLOGICAL TOXICITY

General Comments

ALL SURFACTANTS CONTAINED WITHIN THIS FORMULA ARE CLASSIFIED AS READILY BIODEGRADABLE.

ALKYL C10-16 ETHER SULFATE SODIUM SALT

Acute Fish LC50 Fish 2.3 mg/l, 96 hours Aquatic Crustacea EC50 Water flea (Ceriodaphnia dubia) 2.33 - 4.81 mg/l, 48 hours

ETHYLENE GLYCOL MONOBUTYL ETHER

Toxicity to fish static test LC50 - Lepomis macrochirus - 1,300 mg/l - 96 h (OECD Test Guideline 203) Toxicity to daphnia and other aquatic invertebrates static

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test EC50 - Daphnia magna (Water flea) - > 100 mg/l - 48 h (Directive 67/548/EEC, Annex V, C.2.) Toxicity to algae static test EC50 - Desmodesmus subspicatus (Scenedesmus subspicatus) - > 100 mg/l - 96 h (OECD Test Guideline 201) Toxicity to bacteria LC50 - Pseudomonas putida - 1,170 mg/l - 16 h

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.

NFPA/HMIS

1 HEALTH

0 FLAMMABILITY

0 REACTIVITY

15. REGULATORY INFORMATION

Massachusetts Right To Know Components

Pennsylvania Right To Know Components

Sodium xylenesulphonate CAS-No. 1300-72-7 Revision Date

Ethylenediaminetetraacetic acid tetrasodium salt dihydrate CAS-No. 10378-23-1 Revision Date

2-(2-Butoxyethoxy)ethanol CAS-No. 112-34-5 Revision Date 1989-08-11

New Jersey Right To Know Components

2-(2-Butoxyethoxy)ethanol CAS-No. 112-34-5 Revision Date 1989-08-11

Sodium xylenesulphonate CAS-No. 1300-72-7 Revision Date

Ethylenediaminetetraacetic acid tetrasodium salt dihydrate CAS-No. 10378-23-1 Revision Date

California

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

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.

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Should further information be required, this can be obtained through the sales office whose address is at the top of this sheet.