

Safety Data Sheet (SDS)

NANOSKIN IRON FREE



1. PRODUCT AND COMPANY IDENTIFICATION

Product identifiers

Product name : IRON FREE Paint, Wheel & Glass Decontamination/ Fallout Remover
Product identifier : NA-IFE
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. HAZARDS IDENTIFICATION

Classification of the substance or mixture**GHS Classification in accordance with 29 CFR 1910(OSHA HCS)**

Serious Eye Damage/Irritation: Category 2A

Skin Irritation: Category 2

Acute Toxicity, Oral: Category 4

Specific Target Organ Toxicity – Single Exposure (Respiratory System): Category 3

Hazard Statements:

H319: Causes serious eye irritation.

H315: Causes skin irritation.

H302: Harmful if swallowed.

H335: May cause respiratory irritation.

GHS Label elements, including precautionary statements

P261: Avoid breathing mist/vapors/spray.

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink, or smoke when using this product.

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

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.

P330: Rinse mouth.

P302+P352: IF ON SKIN: Wash with plenty of water.

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

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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.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

P405: Store locked up.

P501: Dispose of contents/container in accordance with local regulations.

Signal Word: Warning

Pictogram



3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS number	Concentration
Water	7732-18-5	70-80%
Xanthan Gum	11138-66-2	<1%
Sodium Lauryl Ether Sulfate	68585-34-2	1-5%
Glycerine	56-81-5	0.5-1%
Sodium Xylene Sulfonate	1300-72-7	1-3%
Diethylene Glycol Monobutyl Ether	112-34-5	1-5%
Tetrasodium EDTA	64 -0 2 - 8	1-5%
Sodium Thioglycolate	367-51-1	10-15%

4. FIRST AID MEASURES

First Aid Measures

General Advice: Seek immediate medical attention if symptoms persist. Show this SDS to medical personnel.

Inhalation: Remove victim to fresh air. Keep at rest in a position comfortable for breathing. If breathing is difficult, provide oxygen and seek medical attention immediately.

Skin Contact: Remove contaminated clothing immediately. Rinse skin with plenty of water for at least 15 minutes. Seek medical advice. Wash contaminated clothing before reuse.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.

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Continue rinsing and seek immediate medical attention.

Ingestion: Rinse mouth thoroughly. Do NOT induce vomiting. Drink water or milk if conscious. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Water spray, foam, dry chemical, or carbon dioxide.

Specific Hazards Arising from the Substance or Mixture

May produce toxic fumes when heated.

Avoid direct water stream on leaked material to prevent spreading.

Advice for Firefighters

Wear self-contained breathing apparatus and full protective gear.

Cool containers exposed to fire with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Wear appropriate protective equipment to avoid skin and eye contact. Ensure proper ventilation.

Environmental Precautions

Prevent entry into waterways, sewers, or soil.

Notify authorities if significant spill occurs.

Methods and Material for Containment and Cleaning Up

Absorb spill with inert material (sand, earth).

Neutralize residue with sodium bicarbonate or similar alkaline material.

Dispose of contaminated material according to regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid inhalation of vapors or mists.

Use only in a well-ventilated area.

Wear appropriate protective equipment.

Do not eat, drink, or smoke while handling.

Conditions for Safe Storage, Including Any Incompatibilities

Store in a cool, dry, and well-ventilated place.

Keep container tightly closed.

Store away from incompatible materials, such as strong acids, oxidizers, and reducing agents.

Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

No occupational exposure limits established for components in this mixture.

Exposure Controls

Engineering Controls:

Use local exhaust ventilation to maintain exposure below occupational exposure limits.

Personal Protective Equipment (PPE):

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Eye Protection: Safety goggles or face shield.

Skin Protection: Chemical-resistant gloves and protective clothing.

Respiratory Protection: Use NIOSH-approved respirator if ventilation is inadequate.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	liquid
Appearance	yellow
Particle Size	liquid
Odor	fragrant
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	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

Reactivity

Stable under normal conditions of use and storage.

Chemical Stability

Stable under normal temperature and pressure.

Possibility of Hazardous Reactions

May react with strong acids and oxidizers.

Conditions to Avoid

Excessive heat, open flames, and incompatible materials.

Incompatible Materials

Strong acids, strong oxidizing agents.

Hazardous Decomposition Products

Carbon oxides, sulfur oxides, nitrogen oxides, and irritating fumes.

11. TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Acute Toxicity:

Oral: Harmful if swallowed. LD50 > 300 mg/kg (estimated).

Dermal: Not classified as acutely toxic.

Inhalation: May cause respiratory irritation.

Skin Corrosion/Irritation:

Causes skin irritation (Category 2).

Serious Eye Damage/Irritation:

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Causes serious eye irritation (Category 2A).

Respiratory or Skin Sensitization:

Not classified as a sensitizer.

Germ Cell Mutagenicity:

Not classified as a mutagen.

Carcinogenicity:

Not classified as a carcinogen.

Reproductive Toxicity:

No evidence of reproductive toxicity.

Specific Target Organ Toxicity – Single Exposure:

May cause respiratory irritation (Category 3).

Specific Target Organ Toxicity – Repeated Exposure:

Not classified for repeated exposure.

Aspiration Hazard:

Not classified as an aspiration hazard.

12. ECOLOGICAL TOXICITY

Toxicity

May be harmful to aquatic life.

Persistence and Degradability

Not readily biodegradable.

Bioaccumulative Potential

Not expected to bioaccumulate significantly.

Mobility in Soil

Soluble in water and may spread in the environment.

Other Adverse Effects

No additional adverse environmental effects are known.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Dispose of in accordance with local, regional, national, and international regulations.

Do not discharge into sewers or waterways.

Contaminated packaging should be disposed of as hazardous waste.

14. TRANSPORT INFORMATION

UN Number

Not regulated as a hazardous material.

UN Proper Shipping Name

Not applicable.

Transport Hazard Class(es)

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Not applicable.

Packing Group

Not applicable.

Environmental Hazards

Not classified as a marine pollutant.

Special Precautions for User

No special precautions required.

15. REGULATORY INFORMATION

U.S. Federal Regulation

SARA Title III (Superfund Amendments and Reauthorization Act)

Section 302 Extremely Hazardous Substances (EHS): Not listed

Section 311/312 Hazard Categories: Acute Health Hazard

Section 313 (Toxic Release Inventory - TRI): Sodium Thioglycolate (CAS 367-51-1) is subject to reporting requirements.

U.S. State Regulations

Massachusetts Right to Know Components:

Sodium Xylene Sulfonate (CAS 1300-72-7)

Tetrasodium EDTA (CAS 64-02-8)

Diethylene Glycol Monobutyl Ether (CAS 112-34-5)

Pennsylvania Right to Know Components:

Water (CAS 7732-18-5)

Sodium Thioglycolate (CAS 367-51-1)

Sodium Xylene Sulfonate (CAS 1300-72-7)

Tetrasodium EDTA (CAS 64-02-8)

Diethylene Glycol Monobutyl Ether (CAS 112-34-5)

New Jersey Right to Know Components:

Sodium Thioglycolate (CAS 367-51-1)

Tetrasodium EDTA (CAS 64-02-8)

Diethylene Glycol Monobutyl Ether (CAS 112-34-5)

California Proposition 65:

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

International Regulations

Canada – WHMIS Classification:

Class D2B: Toxic Material Causing Other Effects

European Union – REACH Compliance:

This product complies with REACH regulations. No SVHC (Substances of Very High Concern) are present.

Australia – AICS (Australian Inventory of Chemical Substances):

All ingredients are listed or exempt.

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China – IECSC (Inventory of Existing Chemical Substances in China):

All ingredients are listed or exempt.

Japan – ENCS (Existing and New Chemical Substances):

All ingredients are listed or exempt.

Korea – KECI (Korean Existing Chemicals Inventory):

All ingredients are listed or exempt.

Philippines – PICCS (Philippine Inventory of Chemicals and Chemical Substances):

All ingredients are listed or exempt.

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.