

Safety Data Sheet (SDS)

NANOSKIN Underbody Rust Inhibitor 127:1



1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : Underbody Rust Inhibitor 127:1
 Product identifier : NA-URI
 Product Family : AQUEOUS MIXTURE

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

Identified Uses : automotive body detailing, protection and maintenance

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)

Precautionary Statements

Prevention:

H272 May intensify fire; oxidiser.
 H301 Toxic if swallowed.
 H319 Causes serious eye irritation.
 H350 May cause cancer.
 H400 Very toxic to aquatic life.

Response:

P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P210 Keep away from heat.
 P220 Keep/Store away from clothing/ combustible materials.
 P221 Take any precaution to avoid mixing with combustibles.
 P264 Wash skin thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/ eye protection/ face protection.
 P281 Use personal protective equipment as required.

Modified 1/10/2016

P301 + P310 + P330 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician. Rinse mouth.

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

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

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 for extinction.

P391 Collect spillage. P405 Store locked up. P501 Dispose of contents/ container to an approved waste disposal plant

2.2 GHS Label elements, including precautionary statements

Pictogram



3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS number	Warnings	Concentration
WATER	7732-18-5		70-80%
SODIUM NITRITE			5-10%
TRIETHANOLAMINE	102-71-6		15-25%

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.

Modified 1/10/2016

After contact with skin:

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

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. Remove contact lenses if able.

After ingestion:

Rinse mouth with water, contact poison control center or emergency number listed in section 1.4 IMMEDIATELY. Never give anything by mouth to an unconscious person.

Advice to doctor / Treatment:

None known.

5. FIRE FIGHTING MEASURES

FIRE HAZARD	Fire hazard : No direct fire hazard.
INDIRECT FIRE HAZARD	None known
EXPLOSION HAZARD	None known
REACTIVITY	Non known
FIREFIGHTING INSTRUCTIONS	Non-reactive. Not flammable.
PROTECTION DURING FIREFIGHTING	Heat/fire exposure: compressed air/oxygen apparatus.

6. ACCIDENTAL RELEASE MEASURES

PROTECTIVE EQUIPMENT	Gloves. Protective goggles. Protective clothing. Large spills/in enclosed spaces: compressed air apparatus.
EMERGENCY PROCEDURES	Keep upwind. Mark the danger area. Consider evacuation. Seal off low-lying areas. Close doors and windows of adjacent premises.
FOR EMERGENCY RESPONDERS	
PROTECTIVE EQUIPMENT	Equip cleanup crew with proper protection.
EMERGENCY PROCEDURES	Ventilate area.

SEE SECTION 8 FOR PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

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.
STORAGE	Store with caution. Do not store in temperatures above 80F. Bottle/container may swell and or fumes accumulate. Store in adequate ventilation.
HYGEINE	Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guideline Comments	Exposure Limits:			
COMPONENT	CAS NUMBER	VALUE	CONTROL PARAMETERS	BASIS
2,2',2''- Nitrioltriethanol	102-71-6	TWA 5.000000 mg/m ³ USA.	ACGIH Threshold Limit Values (TLV)	
ENGINEERING CONTROLS	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.			
Materials for protective clothing :	Gloves advised. Please use gloves resistant to silicones.			
Hand protection	Please use gloves with the above materials recommendation.			
Eye protection	Protective goggles.			

Modified 1/10/2016

Skin and body protection	Adequate clothing.
Respiratory protection	Adequate ventilation.
Other information	Do not eat, drink or smoke during use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	liquid
Appearance	clear
Particle Size	Not applicable
Odor	No available data
Odor Threshold	No Available Data
Molecular Formula	Mixture
Molecular Weight	Mixture
Boiling Point	100 °C
Decomposition Temperature	No Available Data
Melting point	No Available Data
Freezing Point	No Available Data
Relative Density	No available data
Bulk Density	No Available Data
Solubility in Water	No Available Data
Solubility in other liquids	No Available Data
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, nitrogen oxides, sodium oxides
Possibility of Hazardous Reactions	Acids, Powdered metals, Ammonia, Cyanides, Amines, Activated carbon, Combustible material, Reducing agents

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Triethanolamine	LD50 Oral - Mouse - 5,846 mg/kg Remarks: Behavioral:Convulsions or effect on seizure threshold. Diarrhoea Kidney, Ureter, Bladder:Other changes.
Sodium Nitrite	Acute toxicity LD50 Oral - Rat - 157.9 mg/kg LD50 Oral - Mouse - 175 mg/kg
Remarks:	Vascular:BP lowering not characterized in autonomic section. Vascular:Regional or general arteriolar or venous dilation.
Inhalation:	No data available
Dermal:	No data available No data available Skin corrosion/irritation Skin - Rabbit Result: No skin irritation - 48 h (OECD Test Guideline 404)
Serious eye damage/eye irritation	Eyes - Rabbit Result: Eye irritation - 24 h (OECD Test Guideline 405)
Respiratory or skin sensitisation	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	IARC: 2A - Group 2A: Probably carcinogenic to humans (Sodium nitrite)
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 g

Modified 1/10/2016

12. ECOLOGICAL TOXICITY TOXICITY

Sodium Nitrite	Toxicity to fish flow-through test LC50 - Oncorhynchus mykiss (rainbow trout) - 0.94 - 1.92 mg/l - 96.0 h mortality NOEC - Oncorhynchus mykiss (rainbow trout) - 0.54 mg/l - 96.0 h Toxicity to daphnia and other aquatic invertebrates EC50 - Daphnia magna (Water flea) - 12.5 mg/l - 48 h Toxicity to algae NOEC - Desmodesmus subspicatus (green algae) - 100 mg/l - 72 h (OECD Test Guideline 201)
Triethanolamine	Toxicity to fish LC50 - Lepomis macrochirus (Bluegill) - 450 - 1,000 mg/l - 96 h

13. DISPOSAL CONSIDERATIONS

PRODUCT	Dispose of in accordance to local EPA guidelines. Do not dispose of into drains.
CONTAMINATED PACKAGING	Dispose of as unused product.

14. TRANSPORT INFORMATION

Shipping Information

NOT UN RATED

Special Shipping Information

Not applicable.

HMIS

HEALTH 2

FLAMMABILITY 0

REACTIVITY 1

SPECIAL HAZARD OX

15. REGULATORY INFORMATION

United States

SARA 302 Components

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

SARA 313 Components

Sodium nitrite CAS-No. 7632-00-0 Revision Date 2007-07-01

SARA 311/312 Hazards

Chronic Health Hazard

Massachusetts Right To Know Components

2,2',2''-Nitrilotriethanol CAS-No. 102-71-6 Revision Date 1993-04-24

Sodium nitrite CAS-No. 7632-00-0 Revision Date 2007-07-01

Pennsylvania Right To Know Components

2,2',2''-Nitrilotriethanol CAS-No. 102-71-6 Revision Date 1993-04-24

Sodium nitrite CAS-No. 7632-00-0 Revision Date 2007-07-01

New Jersey Right To Know Components

2,2',2''-Nitrilotriethanol 102-71-6 1993-04-24

Sodium nitrite CAS-No. 7632-00-0 Revision Date 2007-07-01

California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other 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.