

Safety Data Sheet (SDS)

NANOSKIN PAD REJUVENATOR



1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : NANOSKIN PAD REJUVENATOR
Product identifier : NA-PDR
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)

H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS

H316 CAUSES MILD SKIN IRRITATION

H350 MAY CAUSE CANCER

H411 TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS

Precautionary Statements

P102: Keep out of reach of children.

P202 Do not handle until all safety precautions have been read and understood.

P273: Avoid release to the environment.

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 |
|----------------------|------------|------------------------------------|---------------|
| Aliphatic naphtha | 64742-88-7 | Skin irritant, environmental toxin | 8-15% |
| OLEIC ACID | 112-80-1 | | >2% |
| POLYDIMETHYLSILOXANE | 63148-62-9 | | >10% |
| Glycerin | 56-81-5 | | 5-10% |

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

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

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|-----------------|--|
| 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:

SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC 64742-89-8

| | | |
|---------|-----------------------|-------------|
| OSHA Z1 | time weighted average | 500 ppm |
| ACGIH | time weighted average | 300 ppm |
| ACGIH | time weighted average | 1,370 mg/m3 |

| | |
|--|---|
| Engineering Controls | Adequate ventilation necessary. |
| Personal Protective Equipment (PPE) | |
| Eye/Face Protection | If mechanically buffing solution, please wear appropriate face/eye protection and a niosh approved respirator. |
| 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 | liquid |
| Appearance | orange |
| Particle Size | n/a |
| Odor | Benign |
| 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/cm ³ |
| 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

64741-88-4 LC50 Inhalation - Rat - 4 h - > 5.33 mg/l (OECD Test Guideline 403)

Aliphatic Naptha:

Effects, Acute Exposure

| | |
|-------------------------------|---|
| Skin Contact | little immediate effect; may be mildly irritating; <i>of 14 reported tests on rabbits, 7 rated this type of hydrocarbon "not irritating", 6 "irritating", with one inconclusive¹</i> |
| Skin Absorption | slight; no toxic effects by this route |
| Eye Contact | liquid slightly irritating; <i>11 reported tests on rabbits all rated this type of hydrocarbon as "not irritating"¹</i> , some reports suggest that vapour irritating above 150ppm |
| Inhalation | 400ppm+ may cause burning sensation in nose & throat, intoxication dizziness, fatigue |
| Ingestion | may cause diarrhoea & stomach discomfort – not a route of industrial exposure |
| LD ₅₀ (oral) | 5500-34,600mg/kg (rat) |
| LD ₅₀ (skin) | 2000-15,400mg/kg (rabbit) |
| LC ₅₀ (inhalation) | 3400-8000ppm (rat) |

Skin Irritation/Corrosion

Naptha and Polydimethylsiloxane are known skin irritants under certain repeated prolonged exposure.

Eye Irritation/Corrosion

Particulate matter may cause eye irritation. Aliphatic Naptha, oleic acid and triethanolamine are eye irritants.

Exercise caution.

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. |
|------------------|---|

64741-88-4 Toxicity to fish static test LC50 - Pimephales promelas (fathead minnow) - > 100 mg/l - 96 h (OECD Test Guideline 203)

ALIPHATIC NAPHTHA

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|------------------------------------|--|
| Bioaccumulation | this product is not a bioaccumulator |
| Biodegradation | biodegrades slowly in the presence of oxygen (rate unknown); much faster in acclimated (polluted) water than pristine water (<i>should be under 30 days in sewage treatment facility</i>) |
| Abiotic Degradation | reacts with atmospheric hydroxyl radicals; estimated ½-life in air less than one day |
| Mobility in soil, water | water insoluble; low soil mobility; adsorbs to soil helping it remain stationary |
| Aquatic Toxicity | |
| LC ₅₀ (Fish, 96hr) | 45mg/litre <i>emulsified</i> , 18-20mg/litre – <i>water soluble</i> (Pimephelas promelas) NOTE: Mineral spirits is essentially water insoluble. The above tests recognize this. The 1 st test emulsified the product, the 2 nd equilibrated it with water, then tested. |
| LC ₅₀ (Crustacea, 48hr) | 1.4, 1.9, 3-10, 21 & 40-89mg/litre (Daphnia magna) ¹ |
| LC ₅₀ (Algae, 72hr) | 1-3, 4.3, 5.0, 8.3 & 10-30mg/litre (Pseudokirchnerella subcapitata) ¹ |
| LC ₅₀ (Bacteria) | 678mg/litre (Tetrahymena pyriformis – <i>computer estimate</i>) ¹ |

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 RATING

| | |
|------------|---|
| HEALTH | 1 |
| FIRE | 1 |
| REACTIVITY | 0 |

15. REGULATORY INFORMATION

United States

SARA 311/312 Hazards Chronic Health Hazard

Pennsylvania Right To Know Components

| | | |
|------------|---------------------|-----------------------------|
| Oleic acid | CAS-No. 112-80-1 | Revision Date 1989-08-11 |
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New Jersey Right To Know Components

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| Oleic acid | CAS-No. 112-80-1 | Revision Date 1989-08-11 |
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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.