Safety Data Sheet (SDS)
NANOSKIN SPEED CUT Cutting Compound

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : NANOSKIN SPEED CUT Cutting Compound
Product identifier : NA-SDT
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
Fax : 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)
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

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS number</th>
<th>Warnings</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aliphatic naptha</td>
<td>64742-88-7</td>
<td>Skin irritant, environmental toxin</td>
<td>8-15%</td>
</tr>
<tr>
<td>CERAMIC</td>
<td>66402-68-4</td>
<td></td>
<td>5-15%</td>
</tr>
<tr>
<td>ALUMINUM OXIDE</td>
<td>1344-28-1</td>
<td></td>
<td>5-15%</td>
</tr>
<tr>
<td>TRIETHANOLAMINE</td>
<td>102-71-6</td>
<td></td>
<td>.1-1%</td>
</tr>
<tr>
<td>ISOPROPYL ALCOHOL</td>
<td>6763-0</td>
<td></td>
<td>.5-3%</td>
</tr>
<tr>
<td>OLEIC ACID</td>
<td>112-80-1</td>
<td></td>
<td>&gt;2%</td>
</tr>
<tr>
<td>Glycerin</td>
<td>56-81-5</td>
<td></td>
<td>5-10%</td>
</tr>
<tr>
<td>Heavy Paraffin Petroleum distillates</td>
<td>64741-88-4</td>
<td></td>
<td>2-8%</td>
</tr>
</tbody>
</table>

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:
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

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>viscous green fluid</td>
</tr>
<tr>
<td>Particle Size</td>
<td>liquid and particle mixture. Particles range 50-400nm</td>
</tr>
<tr>
<td>Odor</td>
<td>Fruity</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No Available Data</td>
</tr>
<tr>
<td>Molecular Formula</td>
<td>Mixture</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>Mixture</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>200F</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No Available Data</td>
</tr>
</tbody>
</table>
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  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, copper oxides, tin oxides, zinc oxides and aluminum oxides.
Possibility of Hazardous Reactions  Do not bring into contact with oxidizers.

11. TOXICOLOGICAL INFORMATION
Powdered oxides pose hazards as lung irritants if airborne.
64741-88-4  LC50 Inhalation - Rat - 4 h - > 5.33 mg/l (OECD Test Guideline 403)

Effects, Acute Exposure
Skin Contact
Skin Absorption
Eye Contact
Inhalation
Ingestion
LD50 (oral)
LD50 (skin)
LC50 (inhalation)
Aliphatic Naptha:
Triethanolamine:
Modified 12/24/2015

**Acute toxicity**

LD<sub>50</sub> Oral - Mouse - 5,846 mg/kg  
Remarks: Behavioral:Convulsions or effect on seizure threshold. Diarrhoea Kidney, Ureter, Bladder.Other changes.

LD<sub>50</sub> Oral - Rat - 5,530 mg/kg  

LD<sub>50</sub> Oral - Rabbit - 2,200 mg/kg

LD<sub>50</sub> Oral - Guinea pig - 2,200 mg/kg

Inhalation: No data available

LD<sub>50</sub> Dermal - Rabbit - > 22.5 g/kg

Isopropyl Alcohol:

**Acute toxicity**

LD<sub>50</sub> Oral - Rat - 5,045 mg/kg  

LC<sub>50</sub> Inhalation - Rat - 8 h - 16000 ppm

LD<sub>50</sub> Dermal - Rabbit - 12,800 mg/kg

No data available

**Skin corrosion/irritation**

Skin - Rabbit

Result: Mild skin irritation

**Skin Irritation/Corrosion**

Naptha is a known skin irritant 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

mg/l - ISOPROPYL ALCOHOL

Toxicity to fish static test LC50 - Pimephales promelas (fathead minnow) - > 100 96 h (OECD Test Guideline 203)
ALIPHATIC NAPTHA

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 (should be under 30 days in sewage treatment facility)

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; adsors to soil helping it remain stationary

Aquatic Toxicity:
LC50 (Fish, 96hr) 45mg/litre emulsified, 18-20mg/litre – water soluble
LC50 (Crustaceans, 48hr) 1.4, 1.9, 3-10, 21 & 40-89mg/litre (Daphnia magna)
LC50 (Algae, 72hr) 1-3, 4.3, 5.0, 8.3 & 10-30mg/litre (Pseudokirchnerella subcapitata)
LC50 (Bacteria) 678mg/litre (Tetrahymena pyriformis – computer estimate)

13. DISPOSAL CONSIDERATIONS
Dispose of in accordance with federal, provincial and local government regulations. Containers should NOT be reused. 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

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FIRE</th>
<th>REACTIVITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
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15. REGULATORY INFORMATION
United States
SARA 311/312 Hazards Chronic Health Hazard
Pennsylvania Right To Know Components

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No.</th>
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<tr>
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<td>112-80-1</td>
<td>1989-08-11</td>
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New Jersey Right To Know Components

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<td>Massachusetts Right To Know Components</td>
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<td>1993-04-24</td>
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<th>Revision Date</th>
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<th>CAS-No.</th>
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Massachusetts Right To Know Components
Distillates (petroleum), solvent-refined heavy paraffinic CAS-No. 64741-88-4 Revision Date 1989-08-11

Pennsylvania Right To Know Components
Distillates (petroleum), solvent-refined heavy paraffinic CAS-No. 64741-88-4 Revision Date 1989-08-11

New Jersey Right To Know Components
Distillates (petroleum), solvent-refined heavy paraffinic CAS-No. 64741-88-4 Revision Date 1989-08-11

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.