

Safety Data Sheet (SDS)

NANOSKIN SUPER CUT Super-Duty Cutting Compound



1. PRODUCT AND COMPANY IDENTIFICATION

Product identifiers

Product name : NANOSKIN SUPER CUT Super-Duty Cutting Compound
 Product identifier : NA-SCT
 Product Family : Aqueous Mixture

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

Identified Uses : Cleaning and Polishing of Automobile Bodies

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. HAZARD(S) IDENTIFICATION

Classification of the substance or mixture

GHS-US Classification

ASPIRATION HAZARD – Category 1

FLAMMABLE LIQUIDS – Category 4

GHS Label elements, including precautionary statements

SIGNAL WORD: DANGER

Pictogram:



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

Hazard Statements

May be fatal if swallowed and enters airways
 Combustible liquid

Precautionary Statements

Keep away from heat/sparks/open flames/hot surfaces. – No Smoking
 Wear protective gloves/eye protection/face protection.
 IF SWALLOWED: Immediately call a POISON CENTER or physician.
 Do NOT induce vomiting.

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In case of fire: Use dry sand, dry chemical, or alcohol-resistant foam for extinction.

Store in a well-ventilated place. Keep cool.

Store locked up

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

Hazards not otherwise classified

Prolonged or repeated contact may dry skin and cause irritation.

To the best of our knowledge, the toxicological properties of this mixture have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS number	Concentration	GHS-US Classification
Water	64742-47-8	60-70%	Non-hazardous
Aluminum Oxide	1344-28-1	10-15%	Non-hazardous
Hydrotreated middle petroleum distillate	64742-46-7	5-10%	ASPIRATION HAZARD – CATEGORY 1
C12-C14 Isoalkanes	68551-19-9	5-10%	ASPIRATION HAZARD – CATEGORY 1 FLAMMABLE LIQUID – CATEGORY 4
Glycerine	56-81-5	1-5%	Non-hazardous
Polyoxyethylenesorbitan Monolaurate	9005-64-5	1-3%	Non-hazardous
Ceramic Wares	Proprietary	1-5%	Non-hazardous
Oleic Acid	112-80-1	1-3%	Non-hazardous

4. FIRST AID MEASURES

First aid procedures

After inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

After contact with skin:

Wash skin thoroughly with soap and water or use recognized skin cleanser. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

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After contact with eyes:

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lens. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

After ingestion:

Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Advice to doctor / Treatment:

If ingested, this material presents a significant aspiration and chemical pneumonitis hazard. Induction of emesis is not recommended. Consider activated charcoal and/or gastric lavage. If patient is obtunded, protect the airway by cuffed endotracheal intubation or by placement of the body in a Trendelenburg and left lateral decubitus position.

Specific treatments:

Treat symptomatically and supportively

5. FIRE FIGHTING MEASURES**Flashpoint:**

not tested.

Explosive Limits:

not tested.

Self ignition:

not tested.

Ignition temperature:

not tested.

Hazardous combustion products:

carbon oxides, silicon oxides

Extinguishing media:

Use caution when applying carbon dioxide in confined spaces.

SMALL FIRE: Steam CO₂, dry chemical or inert gas (eg. Nitrogen)

LARGE FIRE: Use foam, water fog or water spray. Water fog and spray are effective in cooling containers and adjacent structures. However, water can cause frothing and/or may not extinguish the fire. Water can be used to cool the external walls of vessels to prevent excessive pressure, ignition or explosion.

Special fire fighting procedure:

Wear self-contained breathing apparatus for firefighting if necessary

Unusual fire and explosion hazards:

Product can potentially float on water.

6. ACCIDENTAL RELEASE MEASURES**Personal Precautions**

Avoid dust formation. Avoid breathing vapors, mist, or gas. For personal protection see section 8

Environmental Precautions

Spilled product may present a slipping hazard. Do not let product enter drains.

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 diatomaceous earth. Sweep and dispose of as needed. For small spills, wipe away and wash exposed area.

7. HANDLING AND STORAGE

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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. Do not use compressed air for pumping over. Use spark-/explosionproof appliances and lighting system. Take precautions against electrostatic charges. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Observe normal hygiene standards. Keep container tightly closed. Measure the concentration in the air regularly. Work under local exhaust/ventilation. Store in a cool area. Store in a dry area. Ventilation at floor level. Fireproof storeroom. Provide for an automatic sprinkler system. Provide for a tub to collect spills. Provide the tank with earthing. May be stored under nitrogen. Meet the legal requirements.

Storage:**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guideline Comments****Exposure Limits:**

1344-28-1, Aluminum Oxide, USA. Occupational Exposure Limits (OSHA) – Table Z-1 Limits for Air Contaminants: 15.000000 mg/m³
 1344-28-1, Aluminum Oxide, USA. Occupational Exposure Limits (OSHA) – Table Z-1 Limits for Air Contaminants: 5.000000 mg/m³
 1344-28-1, Aluminum Oxide, USA. ACGIH Threshold Limit Values (TLV): 1.000000 mg/m³

64742-46-7, Distillates (petroleum), hydrotreated middle.

NIOSH REL (USA, 10/2013): TWA: 5mg/m³ 10 hours, Form: Mist
 STEL: 10mg/m³ 15 minutes. Form: Mist
 ACGIH TLV (USA): TWA: 5 mg/m³ 8 hours. Oil mist, mineral
 TWA: 5 mg/m³, (mineral oil) 8 hours
 STEL: 10 mg/m³ 15 minutes. Form: Oil Mist, mineral
 OSHA PEL (USA): TWA: 5 mg/m³ 8 hours. Form: Oil mist, mineral
 TWA: 5 mg/m³ (mineral oil) 8 hours

56-81-5, Glycerol, OSHA PEL TWA 15 mg/m³

56-81-5, Glycerol, ACGIH TLV TWA 10 mg/m³

Engineering Controls

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide adequate general and local exhaust ventilation.

Personal Protective Equipment (PPE)**Eye/Face Protection**

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN166(EU).

Skin Protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

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Respiratory Protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type AXBEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

General Hygiene Considerations

Wash hands before and after use and before smoking eating or drinking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	Viscous opaque liquid
Particle Size	not applicable
Odor	Slight
Boiling Point	>100 °C
Decomposition Temperature	No Available Data
Relative Density	1.08 g/cm ³
Viscosity	19,000-22,000 CST @ 28.4°C
Solubility in Water	Emulsifies
Solubility in other liquids	No Available Data
pH	7.0-8.0
Flash point	No Available Data
Reportable VOC content	<17%

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions
Conditions to Avoid	Direct sunlight. High temperature. Incompatible materials. Open flame. Sparks
Hazardous Decomposition Products	Carbon dioxide. Carbon monoxide
Possibility of Hazardous Reactions	Do not bring into contact with oxidizers, bases, reducing agents, acetone reacts violently with phosphorous oxychloride.

11. TOXICOLOGICAL INFORMATION

Serious eye damage/irritation:	No data available
Respiratory or skin sensitization:	No data available
Germ cell mutagenicity:	No data available
Carcinogenicity:	
IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probably, possible, or confirmed human carcinogen by IARC
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 greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA

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Reproductive toxicity	No data available
Specific target organ toxicity – single exposure	No data available
Specific target organ toxicity – repeated exposure	Not classified
Aspiration hazard	Not classified

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

12. ECOLOGICAL TOXICITY

Toxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

Waste disposal recommendations:

Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Recycle by distillation. Remove to an authorized waste incinerator for solvents with energy recovery. Do not discharge into surface water. Obtain the consent of pollution control authorities before discharging to wastewater treatment plants.

14. TRANSPORT INFORMATION

Shipping Information

Product is not UN rated in product sizes as sold.

Product is not flammable or hazardous.

Ensure, before use, that product is not restricted by any local, state or federal environmental restrictions not otherwise stated.

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NFPA Classification

1 HEALTH

1 FLAMMABILITY

0 REACTIVITY

15. REGULATORY INFORMATION**United States**

SARA 302 Components

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

SARA 313 Components

1344-28-1 Aluminum Oxide

SARA 311/312 Hazards

Classification: ASPIRATION HAZARD – Category 1

Composition/Information on ingredients

Name	%	Classification
Distillates (petroleum), hydrotreated middle	5-10%	FLAMMABLE LIQUIDS – Category 4 ASPIRATION HAZARD – Category 1

Massachusetts Right To Know Components

64742-46-7 Distillates (petroleum), hydrotreated middle 5-10%

68551-19-9 C-12-C14 Isoalkanes 5-10%

Pennsylvania Right To Know Components

68551-19-9 C-12-C14 Isoalkanes 5-10%

New Jersey Right To Know Components

64742-46-7 Distillates (petroleum), hydrotreated middle 5-10%

68551-19-9 C-12-C14 Isoalkanes 5-10%

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or 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.

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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.