Safety Data Sheet (SDS)
GENERAL PURPOSE CLEANING SOLVENT

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

- Product name: GENERAL PURPOSE CLEANING SOLVENT
- Product identifier: NA-GPS
- Product Family: SOLVENT BLEND

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

- Identified Uses: SUITABLE FOR INDUSTRIAL AND PETROLEUM BASED DIRT/GREASE REMOVAL.

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)**

- H225: Highly flammable liquid and vapour.
- H227: Combustible liquid.
- H302: Harmful if swallowed.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H336: May cause drowsiness or dizziness.
- H361: Suspected of damaging fertility or the unborn child.
- H373: May cause damage to organs through prolonged or repeated exposure.

**Precautionary Statements**

**Prevention:**

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
- No smoking.
- P233 Keep container tightly closed.
- P242 Use only non-sparking tools.
- P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
- P264 Wash skin thoroughly after handling.
- P270: Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/ eye protection/ face protection.
Response:
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.
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. P331 Do NOT induce vomiting.
P331 Do NOT induce vomiting.
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P337+P313: If eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.
P363: Wash contaminated clothing before reuse.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage:
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/ container to an approved waste disposal plant.

2.2 GHS Label elements, including precautionary statements

![Pictogram](image)

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>N-BUTYL ACETATE</td>
<td>123-86-4</td>
<td>Flam. Liq. 2; ; Eye Irrit. 2A; STOT SE 3; H225,, H319, H336</td>
<td>&gt;2%</td>
</tr>
<tr>
<td>ACETONE</td>
<td>67-64-1</td>
<td>Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336</td>
<td>95-99%</td>
</tr>
<tr>
<td>TOLUENE</td>
<td>108-88-3</td>
<td></td>
<td>&gt;2%</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. Remove contact lenses if able.

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

Advice to doctor / Treatment:
None known.

5. FIRE FIGHTING MEASURES

FIRE HAZARD
Fire hazard: DIRECT FIRE HAZARD. Highly flammable. Gas/vapour flammable with air within explosion limits.

INDIRECT FIRE HAZARD
May be ignited by sparks. Gas/vapour spreads at floor level: ignition hazard. Reactions involving a fire hazard: see "Reactivity Hazard".

EXPLOSION HAZARD
Gas/vapour explosive with air within explosion limits. INDIRECT EXPLOSION may be ignited by sparks. Reactions with explosion hazards: see "Reactivity Hazard".

REACTIVITY
Upon combustion: CO and CO2 are formed. Violent to explosive reaction with many compounds. Prolonged storage: on exposure to light: release of harmful gases/vapours. Reacts violently with (strong) oxidizers: peroxidation resulting in increased fire or explosion risk.

FIREFIGHTING INSTRUCTIONS
Cool tanks/drums with water spray/remove them into safety. Physical explosion risk: extinguish/cool from behind cover. Do not move the load if exposed to heat. After cooling: persistent risk of physical explosion.

PROTECTION DURING FIREFIGHTING
Heat/fire exposure: compressed air/oxygen apparatus.

6. ACCIDENTAL RELEASE MEASURES

PROTECTIVE EQUIPMENT

EMERGENCY PROCEDURES

FOR EMERGENCY RESPONDERS
PROTECTIVE EQUIPMENT
Equip cleanup crew with proper protection.

EMERGENCY PROCEDURES
Ventilate area.
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. 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. Avoid prolonged and repeated contact with skin. Keep container tightly closed. Measure the concentration in the air regularly. Work under local exhaust/ventilation.

STORAGE
Store with caution. Do not store in temperatures above 80°F. 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

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS NUMBER</th>
<th>VALUE</th>
<th>CONTROL PARAMETERS</th>
<th>BASIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACETONE</td>
<td>67-64-1</td>
<td>TWA</td>
<td>500 ppm USA ACGIH</td>
<td>ACGIH TWA (ppm) 750 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2400 mg/m³ U</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>1000 ppm</td>
<td></td>
</tr>
<tr>
<td>TOLUENE</td>
<td>108-88-3</td>
<td>TWA</td>
<td>200PPM-300PPM</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH</td>
<td>50 ppm, skin -potential for cutaneous absorption.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH</td>
<td>100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>375 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>500 ppm IDLH</td>
<td></td>
</tr>
<tr>
<td>N-BUTYL ACETATE</td>
<td></td>
<td>TWA</td>
<td>150 ppm USA. ACGIH Threshold Limit Values (TLV)</td>
<td></td>
</tr>
</tbody>
</table>

ENGINEERING CONTROLS
Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Materials for protective clothing: Use butyl rubber of at least .3mm thickness. Avoid nitrile and pvc protection.

Hand protection
Please use gloves with the above materials recommendation.

Eye protection
Protective goggles.

Skin and body protection
Head/neck protection. Protective clothing.

Respiratory protection
Wear gas mask with filter type A if conc. in air > exposure limit.

Other information
Do not eat, drink or smoke during use.

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>Clear liquid solvent</td>
</tr>
<tr>
<td>Particle Size</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Odor</td>
<td>Aromatic</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>56-60 °C</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No Available Data</td>
</tr>
<tr>
<td>Melting point</td>
<td>No Available Data</td>
</tr>
</tbody>
</table>
Freezing Point: No Available Data
Relative Density: ~.798 g/cm³
Bulk Density: No Available Data
Solubility in Water: No Available Data
Solubility in other liquids: No Available Data
Flash point: -18°C

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

ACUTE TOXICITY

ACETONE
- LD₅₀ oral rat 5800 mg/kg (Rat; Experimental value, Rat; Experimental value)
- LD₅₀ dermal rabbit 20000 mg/kg (Rabbit; Experimental value)
- LC₅₀ inhalation rat (mg/l) 71 mg/l/4h (76 mg/l/4h; Rat; Rat; Experimental value; Experimental value,76 mg/l/4h; Rat; Rat; Experimental value; Experimental value)
- LC₅₀ inhalation rat (ppm) 30000 ppm/4h (Rat; Experimental value, Rat; Experimental value)

TOLUENE
- Toxicity LD₅₀: <870 mg/kg (rat, oral) LC₅₀: 6000 ppm/6h (rat, inhalation)

N-BUTYL ACETATE
- LD₅₀ Oral - Rat - female - 10,760 mg/kg (OECD Test Guideline 423)
- LC₅₀ Inhalation - Rat - male and female - 4 h - > 21 mg/l (OECD Test Guideline 403)
- LD₅₀ Dermal - Rabbit - male and female - > 14,112 mg/kg (OECD Test Guideline 402)

12. ECOLOGICAL TOXICITY

TOXICITY

ACETONE
- Readily biodegradable in soil and water.
- LC₅₀ fishes 1 6210 mg/l (96 h; Pimephales promelas; NOMINAL CONCENTRATION)
- EC₅₀ Daphnia 1 8800 mg/l (48 h; Daphnia pulex)

TOLUENE
- LC₅₀ (96 hr.) Fish: 7.3 ~ 22.8 mg/l EC₅₀ (48 hr.) Water flea: 1
- Biocencentration factor (BCF): 1.67 ~ 380

N-BUTYL ACETATE
- Toxicity to fish flow-through test LC₅₀ - Pimephales promelas (fathead minnow) - 18 mg/l - 96 h (OECD Test Guideline 203)
- Toxicity to daphnia and other aquatic invertebrates static test EC₅₀ - Daphnia (water flea) - 44 mg/l - 48 h
- Toxicity to algae static test EC₅₀ - Desmodesmus subspicatus (Scenedesmus subspicatus) - 674.7 mg/l - 72 h

13. DISPOSAL CONSIDERATIONS

PRODUCT
- Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.
CONTAMINATED PACKAGING  Dispose of as unused product.

14. TRANSPORT INFORMATION

Shipping Information
UN 1263 PAINT RELATED MATERIALS  - Flammable liquids n.o.s. Class 3, PGII
NFPA
Special Shipping Information
Not applicable.
HMIS
HEALTH 1
FLAMMABILITY 3
REACTIVITY 0

15. REGULATORY INFORMATION

United States
SARA 302 Components
CAS# 108-88-3 : final RQ = 1000 pounds (454 kg)
SARA 313 Components
This material contains Toluene (CAS# 108-88-3, 99% & 100%), which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 372.

SARA 311/312 Hazards
Fire Hazard, Acute Health Hazard
Massachusetts Right To Know Components
n-Butyl acetate CAS-No. 123-86-4 Revision Date 1993-04-24
Pennsylvania Right To Know Components
n-Butyl acetate CAS-No. 123-86-4 Revision Date 1993-04-24
New Jersey Right To Know Components
n-Butyl acetate CAS-No. 123-86-4 Revision Date 1993-04-24

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
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.