Safety Data Sheet (SDS)
TAR SOLVENT: Tar & Grease Remover

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers
   Product name : Tar Solvent Tar & Grease Remover
   Product identifier : NA-TGR
   Product Family : SOLVENT BLEND

1.2 Relevant identified uses of the substance or mixture and uses advised against
   Identified Uses : For the removal of petroleum and road-sourced oils, greases, tars and more from automotive surfaces. For cleaning painted and primed surfaces.

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.
   H401 Toxic to aquatic life.

   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:
H227 Combustible liquid.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Precautionary Statements:
Prevention:
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking.
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/ eye protection/ face protection.
Response:
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
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.
P331 Do NOT induce vomiting.
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.
Disposal:
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

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS number</th>
<th>Warnings</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOLUENE</td>
<td>108-88-3</td>
<td>Flam. Liq. 2; Skin Irrit. 2; Repr. 2; STOT SE 3; STOT RE 2; Asp. Tox. 1; Aquatic Acute 2; H225, H304, H315, H336, H361, H373, H401</td>
<td>10-30%</td>
</tr>
<tr>
<td>STODDARD SOLVENT</td>
<td>64742-96-7</td>
<td>Flam. Liq. 4; skin irrit. 2; eye irrit 2A</td>
<td>70-90%</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 HAZARD. Heat may cause pressure rise in tanks/drums: explosion risk. 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.

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. 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 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

<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>Distillates (petroleum), hydrotreated light</td>
<td>64742-47-8</td>
<td>TWA 500 ppm 2,000 mg/m3</td>
<td>OSHA Z-1</td>
<td>TWA 200 mg/m3 (as total hydrocarbon vapor) ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA Z-1 TWA 200 mg/m3 (as total hydrocarbon vapor)</td>
<td>ACGIH TWA 400 ppm 1,600 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Solvent naphtha (petroleum), heavy aliph.</td>
<td>64742-96-7</td>
<td>TWA 200 mg/m3 (as total hydrocarbon vapor) ACGIH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOLUENE</td>
<td>108-88-3</td>
<td>TWA 100 ppm 375 mg/m3</td>
<td>USA, OSHA</td>
<td>TABLE Z-1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL 150 ppm 560 mg/m3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA 200PPM</td>
<td>TABLE Z-2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>CEIL 300 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Peak 500 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA 20 ppm</td>
<td>USA, ACGIH (TLV)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA 100 ppm 375 mg/m3</td>
<td>USA, NIOSH</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ST 150 ppm 560 mg/m3</td>
<td></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.
9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</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>150 - 250 °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>
<tr>
<td>Freezing Point</td>
<td>No Available Data</td>
</tr>
<tr>
<td>Relative Density</td>
<td>~.825g/cm³</td>
</tr>
<tr>
<td>Bulk Density</td>
<td>No Available Data</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>No Available Data</td>
</tr>
<tr>
<td>Solubility in other liquids</td>
<td>No Available Data</td>
</tr>
<tr>
<td>Flash point</td>
<td>60 - 90 °C</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Stability</td>
<td>Stable under normal conditions.</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>Avoid extreme temperatures.</td>
</tr>
<tr>
<td>Hazardous Decomposition</td>
<td>Carbon Oxides.</td>
</tr>
<tr>
<td>Products</td>
<td></td>
</tr>
<tr>
<td>Possibility of Hazardous</td>
<td>Do not bring into contact with oxidizers.</td>
</tr>
<tr>
<td>Reactions</td>
<td></td>
</tr>
</tbody>
</table>

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

TOLUENE

<table>
<thead>
<tr>
<th>Test</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 Oral - Rat</td>
<td>&gt; 5,580 mg/kg</td>
</tr>
<tr>
<td>LC50 Inhalation - Rat</td>
<td>4 h - 12,500 - 28,800 mg/m³</td>
</tr>
<tr>
<td>LD50 Dermal - Rabbit</td>
<td>12,196 mg/kg No data available</td>
</tr>
</tbody>
</table>

Solvent naphtha (petroleum), heavy aliph.

64742-47-8: Acute oral toxicity: LD50 (rat, male and female): > 5,000 mg/kg
Method: Fixed dose procedure GLP: yes Acute inhalation toxicity: Remarks:
No data available Acute dermal toxicity: LD50 (rabbit, male and female): > 2,000 mg/kg Method: Fixed dose procedure GLP: yes

12. ECOLOGICAL TOXICITY

TOXICITY

Toluene

<table>
<thead>
<tr>
<th>Test</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leuciscus idus (Golden orfe) - 3 d</td>
<td>0.05 mg/l Bioconcentration factor (BCF): 90</td>
</tr>
<tr>
<td>LC50 - Oncorhynchus mykiss (rainbow trout) - 7.63 mg/l</td>
<td>96 h</td>
</tr>
<tr>
<td>NOEC - Pimephales promelas (fathead minnow) - 5.44 mg/l</td>
<td>7 d</td>
</tr>
<tr>
<td>EC50 - Daphnia magna (Water flea) - 8.00 mg/l</td>
<td>24 h Immobilization</td>
</tr>
</tbody>
</table>
Toxicity to algae

EC50 - Daphnia magna (Water flea) - 6 mg/l - 48 h
EC50 - Chlorella vulgaris (Fresh water algae) - 245.00 mg/l - 24 h
EC50 - Pseudokirchneriella subcapitata (green algae) - 10.00 mg/l - 24 h

Solvent Naptha (petroleum), heavy aliph.

Toxicity to fish : LL50 (Oncorhynchus mykiss (rainbow trout)): 25 mg/l Exposure time: 96 h
Test Type: static test Analytical monitoring: yes Method: OECD Test Guideline 203 GLP: yes
Toxicity to daphnia and other aquatic invertebrates : EL50 (Daphnia magna (Water flea)): 1.4 mg/l Exposure time: 48 h Test Type: static test Analytical monitoring: yes Method: OECD Test Guideline 202 GLP: yes

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
DOT Proper Shipping Name UN1268, Paint Related Material, 3, PGII DOT Hazard Class: 3 DOT Hazard Label: FLAMMABLE LIQUID UN/NA Number: UN1268 Packing Group: II

Special Shipping Information
Not applicable.

HMIS
HEALTH 2
FLAMMABILITY 2
REACTIVITY 0

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 The following components are subject to reporting levels established by SARA Title III, Section 313:
Toluene CAS-No. 108-88-3 Revision Date 2007-07-01

SARA 311/312 Hazards
Fire Hazard, Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components
Toluene CAS-No. 108-88-3 Revision Date 2007-07-01

Pennsylvania Right To Know Components
Toluene CAS-No. 108-88-3 Revision Date 2007-07-01
64742-47-8 Distillates (petroleum), hydrotreated light 0 - 100 %
64742-96-7 Solvent naptha (petroleum), heavy aliph

New Jersey Right To Know Components
Toluene CAS-No. 108-88-3 Revision Date 2007-07-01
Mod 1/10/2016

64742-47-8 Distillates (petroleum), hydrotreated light 0 - 100 %
64742-96-7 Solvent naphtha (petroleum), heavy aliph

California Prop. 65 Components
WARNING: This product contains Toluene, a chemical known to the state of California to cause birth defects or 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.