

Safety Data Sheet (SDS)

SPOT REMOVER/BODY PREP



1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : Spot Remover / Body Prep
Product identifier : NA-SRR
Product Family : SOLVENT BLEND

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

Identified Uses : Tar, bug, sap and oil remover/surface preparation

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)

H225: Highly flammable liquid and vapor.

H340: May cause genetic defects.

H304: May be fatal if swallowed and enters airways

Precautionary Statements

Prevention:

P233: Keep container tightly closed.

P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P240: Ground/bond container and receiving equipment.

P241: Use explosion-proof electrical/ventilating/lighting equipment.

P243: Take precautionary measures against static discharge.

P242: Use only non-sparking tools.

P201: Obtain special instructions before use.

P370+378: In case of fire, use dry chemical to extinguish.

P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

P308+313: IF exposed or concerned: Get medical attention/advice.

P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331: Do NOT induce vomiting.

P403+235: Store in cool/well-ventilated place.

P501: Dispose of contents/container according to local, state and federal regulations.

P405: Store locked up

2.2 GHS Label elements, including precautionary statements

Pictogram



3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS number	Warnings	Concentration
STODDARD SOLVENT	8032-32-4		90-95%
TOLUENE	108-88-3	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	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. 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** Gloves. Protective goggles. Protective clothing. Large spills/in enclosed spaces: compressed air apparatus.
- EMERGENCY PROCEDURES** Keep upwind. Mark the danger area. Consider evacuation. Seal off low-lying areas. Close doors and windows of adjacent premises. Stop engines and no smoking. No naked flames or sparks. Spark- and explosionproof appliances and lighting equipment. Keep containers closed. Wash contaminated clothes.
- 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

Exposure Guideline Comments		Exposure Limits:		
COMPONENT	CAS NUMBER	VALUE	CONTROL PARAMETERS	BASIS
TOLUENE	108-88-3	TWA	100 ppm 375 mg/m3	USA. OSHA TABLE Z-1
		STEL	150 ppm 560 mg/m3	
		TWA	200PPM	TABLE Z-2
		CEIL	300 ppm	
		Peak	500 ppm	
		TWA	20 ppm	USA. ACGIH (TLV)
		REMARKS	Visual impairment Female reproductive Pregnancy loss	
TWA	100 ppm 375 mg/m3	USA. NIOSH		
ST	150 ppm 560 mg/m3			

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	liquid
Appearance	Clear liquid solvent
Particle Size	Not applicable
Odor	hydrocarbon solvent
Odor Threshold	No Available Data
Molecular Formula	Mixture
Molecular Weight	Mixture
Boiling Point	264.00 F - 291.00
Decomposition Temperature	No Available Data
Melting point	No Available Data
Freezing Point	No Available Data
Relative Density	~.7620g/cm3
Bulk Density	No Available Data
Solubility in Water	No Available Data
Solubility in other liquids	No Available Data
Flash point	69.00 F

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

TOLUENE	LD50 Oral - Rat - > 5,580 mg/kg LC50 Inhalation - Rat - 4 h - 12,500 - 28,800 mg/m ³ LD50 Dermal - Rabbit - 12,196 mg/kg No data available
SKIN CORROSION/IRRITATION	SKIN-RABBIT 4H
RESPIRATORY	NO DATA AVAILABLE
SERIOUS EYE DAMAGE/IRRITATION	Classified according to Regulation (EU) 1272/2008, Annex VI (Table 3.1/3.2) CAUSES EYE IRRITATION/DAMAGE
GERM CELL MUTAGENICITY	Rat Liver DNA damage IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Toluene) 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2-Butoxyethanol) INSUFFICIENT DATA FROM OTHER REGULATORY GROUPS TO ASCERTAIN HAZARD FACTORS.
Reproductive toxicity	Damage to fetus possible Suspected human reproductive toxicant Reproductive toxicity - Rat - Inhalation Paternal Effects: Spermatogenesis (including genetic material, sperm morphology, motility, and count). Experiments have shown reproductive toxicity effects in male and female laboratory animals. Overexposure may cause reproductive disorder(s) based on tests with laboratory animals
Developmental Toxicity	Rat - Oral Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus).

Human exposure above 200 ppm can be expected to cause narcosis, damage to the kidney and liver and present an abnormal blood picture showing erythropenia, reticulocytosis, granulocytosis, leukocytosis, and would be likely to cause fragility of erythrocytes and hematuria. Swallowing of 2-butoxyethanol results in a sour taste that turns to a burning sensation and is followed by numbness of the tongue which indicates paralysis of the sensory nerve endings., Central nervous system depression, Headache, stupor, numbness of the tongue, loss of taste, narcosis
Stomach - Irregularities - Based on Human Evidence Stomach - Irregularities - Based on Human Evidence

12. ECOLOGICAL TOXICITY

TOXICITY

Toluene	Leuciscus idus (Golden orfe) - 3 d - 0.05 mg/l Bioconcentration factor (BCF): 90
Toxicity to fish	LC50 - Oncorhynchus mykiss (rainbow trout) - 7.63 mg/l - 96 h NOEC - Pimephales promelas (fathead minnow) - 5.44 mg/l - 7 d
Toxicity to daphnia and other aquatic invertebrates	EC50 - Daphnia magna (Water flea) - 8.00 mg/l - 24 h Immobilization EC50 - Daphnia magna (Water flea) - 6 mg/l - 48 h
Toxicity to algae	EC50 - Chlorella vulgaris (Fresh water algae) - 245.00 mg/l - 24 h EC50 - Pseudokirchneriella subcapitata (green algae) - 10.00 mg/l - 24 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 1123 - Flammable liquids n.o.s. Class 3, PGII
NFPA

Special Shipping Information

Not applicable.

HMIS

HEALTH 2

FLAMMABILITY 2

REACTIVITY 0

15. REGULATORY INFORMATION

United States

SARA 302 Components

64742-49-0 Hydrotreated light naphtha

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

64742-49-0 Hydrotreated light naphtha

Pennsylvania Right To Know Components

Toluene CAS-No. 108-88-3 Revision Date 2007-07-01

64742-49-0 Hydrotreated light naphtha

New Jersey Right To Know Components

Toluene CAS-No. 108-88-3 Revision Date 2007-07-01

64742-49-0 Hydrotreated light naphtha

California Prop. 65 Components

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Toluene CAS-No. 108-88-3 Revision Date 2009-02-01

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. Should further information be required, this can be obtained through the sales office whose address is at the top of this sheet.