

Safety Data Sheet

Section 1: Identification of the Product/Company

Product Identifier: 2002 & 2003 Series

Product Name: PSR Paver Sealer Remover SPRAY & GEL

Product Code: 2002/2003

Relevant identified uses of the substance or mixture

Recommended use:

For the safe loosening and removal of coatings from brick pavers and aggregate surfaces.

Uses advised against:

None identified

Details of the supplier of the safety data sheet

Manufacturer:

Inseco Inc.,
2897 South Street
Fort Myers, FL 33916
United States
www.insecoproducts.com

Telephone:(General) (239) 939-1072

Emergency telephone number

Manufacturer: (800) 424-9300 USA

Section 2: Hazards Identification

Classification of the substance or mixture

This product contains an ingredient subjected to GHS classification

GHS-US classification

GHS-US classification

Flammable liquids:	Category 3, H226
Acute toxicity oral:	Category 4, H302
Aspiration hazard:	Category 1, H304
Acute toxicity dermal:	Category 4, H312
Skin corrosion / irritation:	Category 2, H315
Sensitization skin:	Category 1, H317
Serious eye damage / eye irritation:	Category 2A, H319
Acute toxicity inhalation:	Category 4, H332

Label elements

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GHS-US labeling

Hazard Pictograms (GHS-US)



Signal word

Hazards statements (GHS-US):

Danger

H226: Flammable liquid and vapor
H302: Harmful if swallowed
H304: May be fatal if swallowed and enter the airways
H312: Harmful in contact with skin
H315: Causes skin irritation
H317: May cause an allergic skin reaction
H319: Causes serious eye irritation
H332: Harmful if inhaled

Precautionary statements (GHS-US)

Prevention:

P210 Keep away from heat, hot surfaces, open flames, sparks –No smoking
P233 Keep container tightly closed
P240 Ground/bond container and receiving equipment
P241 Use explosion-proof electrical/ventilation/lighting equipment
P242 Use only non-sparking tools
P243 Take precautionary measures against static discharge
P260 Do not breathe dust/gas /mist/vapor
P264 Wash with plenty of water and soap thoroughly after handling
P270 Do not eat, drink or smoke when using this product
P271 Use only outdoors or in a well ventilated area
P280 Wear protective gloves, clothing, and eye/ face protection

Response:

P308 + P313: IF exposed or concerned: Get medical advice/attention

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P311: Call a POISON CENTER or doctor/physician
P301 + P310: IF SWALLOWED: Immediately call a poison center or doctor/physician
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing
P302 + P352 IF ON SKIN: Wash with plenty soap and water
P303 +P361 + P353 IF ON SKIN (or hair): Remove /Take off immediately all contaminated clothing. Rinse skin with water/shower
P321 Specific treatment (see On this label)
P330 Rinse mouth
P370 + P378: In case of fire: Use the recommended fire extinguisher to extinguish

Storage:

P403+P233 store in a well ventilated place. Keep container tightly closed

Disposal:

P501 Dispose of contents and containers in accordance with local, regional and international regulations
P420 Store away from incompatibles

Other hazards

No other information available

Unknown acute toxicity (GHS-US)

No data available

Section 3: Composition/information on ingredients

Substances

Name	Product Identifier	% by weight	GHS-US classification
D'Limonene	CAS # 5989-27-5 EINECS # 227-813-5	3	Flammable liquid 3, H226 Skin corrosion/irritation 2, H315 Sensitization skin 1, H317 Aspiration hazard 1, H304
Benzyl Alcohol	CAS # 100-51-6 EINECS # 202-859-9	20-50	Acute toxicity oral 4, H302 Acute toxicity dermal 4, H312 Acute toxicity inhalation 4, H332

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			Skin corrosion/irritation 2, H315 Serious eye damage / eye irritation 2A, H319
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Amounts specified are typical and do not represent a specification. Any other ingredients are either proprietary, non-hazardous or present in amounts below the reportable limits.

Section 4: First aid measures

Description of necessary first aid measures

First-aid measures general:

Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Consult a physician and show this safety data sheet with the physician in attendance. Move out of dangerous area.

First-aid measures after inhalation:

Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

First-aid measures after skin contact:

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes before thoroughly reuse. Get medical attention immediately.

First-aid measures after eye contact:

Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately

First-aid measures after ingestion:

Wash out mouth and water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Most important and effects, both acute and delayed

Symptoms:

The product may produce the following; irritant effects, drowsiness, dizziness, narcosis, nausea, vomiting, headache, blindness, vision impairment, coma and delayed actions of drying and defatting of skin.

Indication of any immediate medical attention and special treatment needed

No additional information available

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Section 5: Firefighting measures

Extinguishing media

Suitable extinguishing media:

Use water spray (fog), alcohol resistant foam, dry chemical or Carbon Dioxide

Unsuitable extinguishing media:

None noted

Special hazards arising from the substance or mixture

Fire hazard:

The product is flammable. If there is a fire or if heated, a pressure increase will occur and the container may burst, with the risk of subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low and confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

Explosion hazard:

Closed containers may rupture when exposed to extreme heat. The product may form peroxides of unknown stability and Oxides of Nitrogen and Carbon.

Reactivity:

During a fire, irritating and or toxic gases and particulate may be generated by thermal decomposition or combustion.

Advice for firefighters

Firefighting instructions:

Use water spray to keep fire exposed containers cool.

Protection during firefighting:

Wear self-contained breathing apparatus (SCBA) equipped with a full face-piece and operated in a pressure demand mode (or other positive pressure mode) and approved protective clothing. Personnel without suitable protection must leave the area to prevent significant exposure to hazardous gases from combustion, burning or decomposition. In an enclosed or poorly ventilated area, wear SBCA during clean up immediately after a fire as well as during the attack phase of the fire-fighting operations.

Additional information

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

General measures:

Wear protective equipment as described under Section 8 and follow the advice of safe handling and use given under Section 7. Emergency procedures are not required.

For non-emergency personnel

Protective equipment:

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Wear chemical resistance (impervious) gloves

Emergency procedures:

High risk of slipping due to spillage/leakage of product

For emergency responders

Protective equipment:

Not Applicable

Emergency procedures:

Not Applicable

Environmental precautions

Do not allow to enter drains, sewers or watercourses.

Methods and material for containment and cleaning up

For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, etc.). Dispose of absorbed material in accordance with regulations.

For large amounts: Pump off products

Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protective equipment

See Section 13 for disposal information

Section 7: Handling and storage

Precautions for safe handling

Additional hazards when processed:

Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace. Do not breathe dust, vapor, mist or gas. Persons with a history of skin sensitization problems should not be employed in any process in which this product was used. Do not get in eyes

Hygiene measures:

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

Conditions for safe storage, including any incompatibilities

Technical measures:

Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion proof electrical, lighting and ventilating equipment.

Storage conditions:

Keep containers tightly closed and upright when not in use. Keep from freezing. Protect from physical damage.

Incompatible products:

See section 10

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Incompatible materials:

See section 10

Storage area:

The product should be stored in a cool, dry and well ventilated area, at ambient temperature directly out of the sunlight.

Special rules on packaging:

Do not store in open, unlabeled or mislabeled containers. Keep containers closed at all times when not in use.

Specific end use(s)

Removal of coatings

Section 8: Exposure controls/personal protection

Control parameters

Occupational exposure limits:

Chemical Name	CAS #/EINECS#	EXPOSURE LIMITS
D'Limonene	5989-27-5 / 227-813-5	ACGIH TWA 165.5 mg/m ³
Benzyl Alcohol	100-51-6 / 202-859-9	ACGIH TWA 44.2 mg/m ³

Exposure controls

Appropriate engineering controls:

Ensure adequate ventilation

Personal protective equipment:

Wear fire-proof clothing, protective goggles and gloves. Wear respiratory protection in a poor ventilated environment.

Hand protection:

Wear chemically resistant protective gloves

Eye protection:

Chemical goggles or safety glasses with side-shields should be worn especially in a splashing environment. Use contact lenses solely is not recommended.

Respiratory protection:

Wear respiratory protection if ventilation is inadequate.

Thermal hazard protection:

Wear suitable protection clothing

Other information:

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Hands or face should be washed before breaks and at the end of and shift. Avoid contact with skin and eyes.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	Liquid
Appearance:	Semi-gel
Color:	Amber
Odor:	Mild spicy
Odor threshold:	Not available
pH:	Not available
Relative evaporation rate (butyl acetate=1):	<1 Slower
Melting point:	Not available
Boiling point:	>212 ° F
VOC	<100g/l
Auto-ignition temperature:	Not available
Decomposition temperature:	Not Determined
Flammability (solid, gas):	Not Applicable
Vapor pressure:	>18.62 mm Hg @ 20 ° C
Flash Point (Closed Cup)	51 ° C
Relative vapor density @ 20 ° C:	Not Applicable
Relative density:	1.03
Density:	8.58 lbs / gal
Solubility:	Slightly soluble
Log Pow:	Not available
Log Kow:	Not available
Viscosity, kinematic:	Not available
Viscosity, dynamic:	Not available
Explosive properties:	Non-explosive
Oxidizing properties:	None known
Explosive limits:	Not Applicable

Other information:

No further relevant information available

Section 10: Stability and reactivity

Reactivity

Not applicable

Chemical Stability

Product is stable under normal storage conditions

Conditions to Avoid

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Avoid extreme heat and freezing conditions

Incompatible Materials

Strong Oxidizing agents and Bases

Hazardous Decomposition Products

None under normal use but burning or decomposing film may yield Carbon Monoxide and Carbon Dioxide.

Section 11: Toxicological information

Information on toxicological effects

TOXICITY MEASURES:

Chemical Name	LD50/LC50
Benzyl Alcohol	Oral LD50: Rat >1,230- <3,100 mg/kg Inhalation Rat LC50: Rat 11 mg/L/ 8 h Dermal LD50: Rabbit 2,000 mg/kg
D'Limonene	Oral LD50: Rat >5,000 mg/kg Inhalation Rat LC50: 259,000 µg/l Dermal LD50: Rabbit >5,000 mg/kg, 24 h

Skin corrosion/irritation:

Irritation, may cause burns on long term exposure

Serious eye damage/irritation:

Risk of serious eye damage and blindness is probable

Respiratory or skin sensitization:

Not classified, not sensitizing

Germ cell mutagenicity:

This product presents negative results of mutagenicity in mammals.

Carcinogenicity:

Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Reproductive toxicity:

Demonstrated reproductive toxicity

Specific target organ toxicity (single exposure):

Central nervous system

Specific target organ toxicity (repeated exposure):

May cause damage to organs (Central Nervous System) through prolonged or repeated exposure

Aspiration hazard:

No information available

Symptoms/injuries after inhalation:

The product contains organic solvents which in case of overexposure may depress the central nervous system. Abusive inhalation has been reported to be associated with birth defects in the offspring of the abusers.

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Symptoms/injuries after eye contact:

Burning and stinging of the eyes may persist

Symptoms/injuries after ingestion:

Harmful if swallowed as product may enter lungs

Other information:

The product is considered to be harmless to health if used in the correct manner

Section 12: Ecological information

All work practices must be aimed at eliminating environmental contamination.

Toxicity

Ecotoxicity:

Product is toxic to aquatic life with long lasting effects

Persistence and degradability

Not determined for this product but the following information is available for this component

Benzyl Alcohol: 92-96% readily biodegradable.

Bioaccumulation:

Accumulation in organisms is not to be expected

Mobility

No data available

Other adverse effects

Not determined for this product

Section 13: Disposal considerations

Waste treatment methods

Regional legislation (waste):

Dispose of waste and unused contents in accordance with national and local regulations.

Waste disposal recommendations:

Ensure the use of properly authorized waste management companies where appropriate or uncertain.

Section 14: Transport information

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
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TDG	UN2319	TERPENE HYDROCARBONS N.O.S	3	III	
TDG Additional Information	May be shipped as Limited Quantity when transported in containers no larger than 5.0 Litres; in packages not exceeding 30 kg gross mass. Under the TDGR, refer to Section 1.17 for additional exemption information, if shipping under this exemption. Within Canada only, the 'Flammable Liquids General Exemption' may apply. This material may be shipped as non-regulated material when in small means of containment (
49CFR/DOT	NA1993	Combustible liquid, n.o.s. (Contains: Terpene hydrocarbons)	Combustible	III	
49CFR/DOT Additional Information	The 'label' appearing here is the placard to be used for bulk shipments. Not regulated for road or rail shipment if packaged in non-bulk containers (450 L / 119 Gallons or less each).				

Special precautions for user: Appropriate advice on safety must accompany the package. Keep away from heat, sparks and open flame. - No smoking.

Environmental hazards: This product meets the criteria for an environmentally hazardous material according to the IMDG Code.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

This information is not available

Section 15: Regulatory information

U.S. Federal Regulations

U.S. OSHA Regulatory Status:

This material is not classified as hazardous under OSHA regulations

U.S SARA Reporting Requirements:

The following components of this product are subject to reporting requirements of sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act.

CHEMICAL	SECTION 302 EHS (TPQ) (40 CFR 355, Appendix A)	SECTION 304 RQ (40 CFR Table 302.4)	SECTION 313 TRI (40 CFR 372.65)
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Not considered hazardous

A Section 311/312 (40 CFR 370) Hazard Categories:

ACUTE: Yes; CHRONIC: No; FIRE: Yes; REACTIVE: No; SUDDEN RELEASE: No

Toxic Substances Control Act (TSCA):

All components of this product are included on the TSCA inventory

U.S. CERCLA Reportable Quantity (RQ):

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This product is not listed under CERCLA

U.S. Clean Air Act Threshold Quantity (TQ):

This product is not listed.

U.S. Clean Water Act Requirements:

This product is not listed

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):

This product is not known to contain any chemical currently listed as carcinogens or reproductive toxins

DSL:

All chemical substances in this product comply with CEPA 1999 and NSNR and are on or exempted from listing on the Canadian Domestic Substances List (DSL).

European Inventory of Existing Chemicals (EINECS):

All of the components of this product are included on EINECS.

Section 16: Other information

Indication of changes:

Other information:

Full text of H phrases:



NFPA health hazard: 2- Intense or continued but not chronic exposure could cause temporary incapacitation or possible residual injury

NFPA fire hazard: 1- Material requires considerable pre-heating under all ambient temperature conditions before ignition and combustion can occur

NFPA reactivity: 0-Normally stable, even under fire exposure conditions, and not reactive with water

Notice to Reader

The information provided herein is believed to be accurate at the time of preparation or prepared from sources deemed to be reliable, but it is the full responsibility of the user to investigate and comprehend other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of the product and to determine the suitability of the product for its intended use. Inseco Inc., **makes no warranty, expressed or implied, concerning**

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