



**SCENTED LIQUID RELEASE**

Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

**1. Substance/ Preparation and Company Identification**

**Name of the Product:** Scented Liquid Release  
**Other Means of Identification:** Hydrocarbon solvent  
**Recommended use:** Release material  
**Supplier Information:**  
**Company:** Preferred Deck Systems  
 7534 W. Madison St.  
 Tolleson, AZ 85353

**Company Phone Number:** 623.474.2210  
**FAX:** 623.474.3320  
**Emergency Phone Number:** 888.440.3320

**2. Hazards Identification**

**GHS Classifications**

Hazard	Category	Signal Word	Hazard statement	Symbol
<b>Physical Hazards</b>	3 flammable liquid	Warning	H226 Flammable liquid and vapor	Flame
<b>Skin Corrosion /Irritation</b>	2	Warning	H315: Causes skin irritation	Exclamation Mark
<b>Specific target organ toxicity – single exposure, narcotic effects.</b>	3 (Central nervous system)	Warning	H336: May cause drowsiness or dizziness	Exclamation Mark
<b>Specific target organ toxicity – repeated exposure</b>	2 (Liver, Kidney, Central nervous system)	Warning	H373: Causes damage to organs through prolonged or repeated exposure	Health Hazard
<b>Eye Irritation</b>	2A	Warning	H319, Causes Serious Eye irritation	Exclamation Mark
<b>Aspiration Hazard</b>	1	Danger	H304, May be fatal if swallowed and enters airways	Health Hazard

**Emergency Overview:**

Warning! Contains petroleum distillates that can cause chemical pneumonia if aspirated into the lungs as a liquid. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Eye and skin contact will result in irritation.

**Route of Entry:** Inhalation: yes. Skin: yes. Ingestion: yes.

**Carcinogenicity:** NTP: no. IARC: no. OSHA: no.

**Reproductive Toxicity:** No reproductive toxicants over 1% in formula.

**Specific Target Organ Systemic Toxicity (TOST):** Single Exposure: Irritating to the skin and eyes and respiratory tract. Prolonged exposure will affect the nervous system, causing nervous system depression.

**Effects of Exposure:**

**Acute: Eye:** H319: Causes serious eye irritation.

**Skin:** Category 2. Causes Skin Irritation. Reversible adverse effects in dermal tissue within the observation period, usually 14 days.

**Inhalation:** Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea and headache. High concentrations may result in narcosis (central nervous system depression). Intentional inhalation in concentrated form (huffing) may lead to brain damage and death.

**Ingestion:** Can cause gastrointestinal irritation, nausea, vomiting and effects of overexposure.

**Signs and Symptoms of Overexposure:**

**Health hazard:** diarrhea. Aspiration of material into lungs can cause chemical pneumonia which can be fatal.

**Medical Conditions Aggravated by Exposure:** Asthma.

**LABELING:**

Product identifier: Scented Release

Signal word: Danger

Hazard statements: H226: Flammable liquid and vapor. H315: Causes skin irritation. H336: May cause drowsiness or dizziness. H373: Causes damage to organs through prolonged or repeated exposure. H319: Causes Serious Eye irritation. H304: May be fatal if swallowed and enters airways.

Causes Skin and Eye Irritation. Do not breathe vapors or mist. Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

**FIRST AID**

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

SKIN: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops and persists.

COMPANY NAME: Preferred Deck Systems LLC  
ADDRESS: 7534 W. Madison St.  
Tolleson, AZ 85353  
Phone number: 888.440.3320

HAZARDS: (Liquid) Serious skin and eye irritant.

**Pictograms on the label:**



**Hazard statements:**

H226: Flammable liquid and vapor.

H315: Causes skin irritation.

H336: May cause drowsiness or dizziness.

H373: Causes damage to organs through prolonged or repeated exposure. H319: Causes Serious Eye irritation.

H304: May be fatal if swallowed and enters airways.

**Precautionary Statements:**

**Prevention:**

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P264 Wash skin thoroughly after handling.

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): Remove/ 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.

P314 Get medical advice/ attention if you feel unwell.

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.

**Disposal:**

P501 Dispose of contents/ container to an approved waste disposal plant.

**Carcinogenicity:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, OSHA, or NTP.

**3. Composition/Information on Hazardous Ingredients**

Chemical Name	CAS No	Concentration (%)
Distillates (pet), hydrotreated light	64742-47-8	<100
Solvent naphtha (pet), med aliphatic	64742-88-7	<100
Mixed xylenes	1330-20-7	<5
Oleic Acid	112-80-1	<10

\*Note: NE=Not Established

Note: Further safety information can be found in subsequent sections.

## 4. First Aid Measures

**General Information:** Consult a physician. Discard contaminated clothing immediately.

**Eye:** Flush with clean, lukewarm water for at least 15 minutes, occasionally lifting eyelids. Obtain medical attention.

**Skin:** Remove contaminated clothing. Wash affected skin areas thoroughly with soap and water. Wash contaminated clothing thoroughly before reuse.

**Inhalation:** Remove to fresh air. Apply artificial respiration/administer oxygen if necessary. Call physician immediately. If person is unconscious, transport affected person in reclined position.

**Ingestion:** Keep person warm and quiet. Get immediate medical attention. Do not induce vomiting because of risk of aspiration of material into lungs. Drink several glasses of water to dilute the product in the stomach. Never give anything by mouth to an unconscious person.

## 5. Fire Fighting Measures

Flammability Summary (OSHA): Flammable Liquid.

Flash Point Method: Setflash

Flash Point: 40 to 46C (104 -115F)(Setflash).

When dry the product can be made to burn:

Upper Flammable /explosive limit, % in air: 6% (v)

Lower Flammable / explosive limit, % in air: 0.6% (v)

**Unusual Fire/Explosion Hazards:** Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Closed containers may explode when exposed to fire due to pressure buildup.

**Extinguishing Media:** Use water fog, foam, carbon dioxide or chemical fire fighting apparatus.

**Fire Fighting Instructions:** Wear NIOSH/MSHA approved SCBA and full protective equipment. Do not use full pressure water jet as it might spread the fire. Water spray may be used for cooling containers to prevent possible pressure build up and auto ignition/explosion when exposed. Guard against toxic gasses released by fire. If safe, remove containers from fire zone.

**Products of Combustion:** Carbon Dioxide, Carbon Monoxide, Water Vapor.

## 6. Accidental Release Measures

Remove all sources of ignition. Vapors can accumulate in low areas. Slip and fall hazard when the coating is wet. Evacuate the area of all unnecessary personnel. Ventilate area. Equip employees with appropriate protective equipment. Dike around spilled material. Cover spill with inert/absorbent material and shovel into container. Remove containers to safe area and seal. Use sand or absorbent to collect material and to prevent flow into storm water or ground.

**Waste Disposal Methods:** Waste material must be disposed of in accordance with federal, state and local environmental regulatory controls.

## 7. Handling and Storage

**Handling:** Take precautionary measures against static discharges. Use drum trucks and pallet jacks to move drums and cans. Smoking, eating and drinking should be prohibited in the applications area.

**Drums:** Protect against physical damage.

**Bulk:** Storage should be in standard lidded storage tanks.

**Other Precautions:** Clean up spills quickly to prevent slipping on the wet surface.

## 8. Exposure Controls and Personal Protection

### Respiratory Protection:

Use NIOSH/MSHA approved self-contained breathing apparatus where vapor concentration may be above TLV limits. Below TLV limits use NIOSH/MSHA approved vapor respirator or an airline respirator with escape bottle provisions.

### Ventilation:

Local exhaust must be sufficient to keep airborne vapor concentrations below TLV limit. Exhaust air may need to be cleaned by scrubbers.

**Protective Gloves:** Chemical resistant gloves.

**Eye Protection:** Chemical workers' goggles.

### Other Protective Equipment:

**Eye bath and safety shower.** To prevent repeated or prolonged skin contact wear impervious clothing and boots.

**Work Hygiene Practices:** Wash hands and clothing after exposure.

**Supplemental Safety and Health:** First aid procedures: Vomit can cause chemical pneumonia which can be fatal.

**Ventilation:** Filters to reduce environmental contamination.

**Effects of overexposure:** Irritating to respiratory system. Mild, reversible liver effects, liver abnormalities.

### Exposure Limits:

Hazardous Ingredients	CAS#	Percent w/w	OSHA PEL
Distillates (pet),hydrotreated light	64742-47-8	<100	500ppm

Solvent naphtha (pet), med. Aliphatic	64742-88-7	<100	500ppm
Mixed xylenes	1330-20-7	<5	100ppm
Oleic Acid	112-80-1	<10	NE

NE=Not Established

## 9. Physical and Chemical Properties

**Physical State:** Liquid

**Color:** colorless

**Odor:** hydrocarbon, solvent-like

**Odor Threshold:** not available.

**pH Value:** 8.5 to 9.4

**Melting point:** Not available

**Evaporation rate:** Slower than ether

**Freezing point:** Not available.

**Initial boiling point:** 100C (212F)

**Auto ignition Temperature:** 230-270C

**Bulk Density:** Approximately 10.79 pounds per gallon.

**Flash Point:** 40-46C(104-115F) Setaflash

**Upper Explosion Limit:** 6%(V)

**Lower Explosion Limit:** 0.6%(V)

**Solubility in Water:** insoluble.

**Specific Gravity:** 0.77-0.79@15C(59F) compared to water (=1).

**Weight per gallon:** 6.50 +/- 0.15 pounds

**VOC:** 6.50 pounds per gallon less water (780 g/l)

## 10. Stability and Reactivity

**Stability and Reactivity Summary:** Stable under normal conditions

**Reactive Properties:** Strong acids and bases will attack the polymer. Vapors may form explosive mixture with air.

**Sensitivity to mechanical shock:** None

**Hazardous Polymerization:** Will not occur

**Conditions to Avoid:** Heat, flames and sparks.

**Chemical Incompatibility:** Strong oxidizing agents, strong acids, strong alkalis, Chlorine, Oxygen.

**Hazardous Decomposition Products:** CO, CO2, unburned hydrocarbons (smoke).

## 11. Toxicological Information

Hazardous Ingredients	CAS#	Percent w/w	LD50 Oral
Distillates (pet),hydrotreated light	64742-47-8	<100	>5000 mg/kg (rat)
Solvent naphtha (pet), med. Aliphatic	64742-88-7	<100	>5000 mg/kg (rat)
Mixed xylenes	1330-20-7	<5	3523 mg/kg (rat)
Oleic Acid	112-80-1	<10	Dermal: ATEmix: 3,000 mg/kg

## 12. Ecological Information

### Environmental Toxicity:

Hazardous Ingredients	CAS#	Percent w/w	LL50 (Oncorhynchus mykiss (rainbow trout)
Distillates (pet),hydrotreated light	64742-47-8	<100	25 mg/l (96h)
Solvent naphtha (pet), med. Aliphatic	64742-88-7	<100	2mg/l (96h)
Mixed xylenes	1330-20-7	<5	LC50: 2.6 mg/l (96h)
Oleic Acid	112-80-1	<10	LC50 Fathead Minnow (Pimephales promelas) 96h: 205mg/l Mortality

Chronic aquatic toxicity: Toxic to aquatic life with long lasting effects.

## 13. Disposal Considerations

Care must be taken to avoid environmental contamination from the use of this material. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws.

**Waste Disposal Summary:** Dispose as a hazardous chemical.

### Disposal Methods:

Dispose of in accordance with local, state and federal regulations. Incineration is preferred.

## 14. Transport Information

**US Ground (DOT):** Note: The flash point for this material is greater than 100F (38C). Therefore, in accordance with 49CFR 173.150(f) non-bulk containers (<450L or 119 gallon capacity) of this material may be shipped as non-regulated when transported solely by land, as long as the material is not a hazardous waste, a marine pollutant, or specifically listed as a hazardous substance.

Bulk containers: UN1268, Petroleum Distillates, N.O.S., CBL, III, Flash point 40-46C (104-115).

**IMO:** UN1268, Petroleum Distillates, N.O.S., 3, III, Flash point 40-46C (104-115).

**IATA/ICAO:** UN1268, Petroleum Distillates, N.O.S., 3, III, Flash point 40-46C (104-115).

## 15. Regulatory Information

UNITED STATES:

**OSHA Hazards:** Combustible Liquid, Toxic by inhalation, Harmful by ingestion, Harmful by skin absorption. Moderate skin irritant, Moderate eye irritant, Moderate respiratory irritant.

**Clean Air Act:** The following chemicals are listed as HAPS (Hazardous Air Pollutants) under the U.S. Clean Air Act, Section 12 (40CFR 61):

CAS #	Chemical	Percentage in formula
100-41-4	Ethylbenzene	0.099
108-88-3	Toluene	0.099
71-43-2	Benzene	0.099
91-20-3	Naphthalene	0.099
98-82-8	Cumene	0.099

**Toxic Substances Control Act (TSCA):** The components of this product are listed on the TSCA Inventory of Existing Chemical Substances.

**Superfund Amendments and Reauthorization Act (SARA) Title III:** None present.

**Sections 311/312 Hazard Categories (40 CFR 370.2):**

**Immediate/Acute Health Hazard:** Yes

**Delayed/Chronic Health Hazard:** Yes

**Fire Hazard:** yes

**Pressure Hazard:** No

**Reactivity Hazard:** No

**Federal and State Regulations:**

California Prop 65:

WARNING! This product contains trace amounts of chemicals known to the State of California to cause cancer in laboratory animals:

CAS #	Chemical	Percentage in formula
100-41-4	Ethylbenzene	0.099
71-43-2	Benzene	0.099
91-20-3	Naphthalene	0.099
98-82-8	Cumene	0.099
119-61-9	Benzophenone	trace

WARNING! This product contains trace amounts of chemicals known to the State of California to cause birth defects or other reproductive harm in laboratory animals

CAS #	Chemical	Percentage in formula
108-88-3	Toluene	0.099
71-43-2	Benzene	0.099

## 16. Other Information

NFPA: Health 2, Flammability 2, Instability 0.

HMIS III: Health 2, Flammability 2, Physical Hazard 0.

This information should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to its use. No warranties of any kind neither express nor implied, including warranties of merchantability or fitness for a particular purpose are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, information, data and designs furnished by PREFERRED DECK SYSTEMS hereunder are given gratis and PREFERRED DECK SYSTEMS assumes no obligation or liability for the description, information, data and designs given or results obtained, all such being given and accepted at your risk. We believe this information to be reliable and up to date as of its publication date but make no warranty that it is. If this SDS is more than one year old you should contact PREFERRED DECK SYSTEMS to make sure the information is still current.

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