Section 1. Product and Company Identification

Product Identifier: H10 - Solvent X
Product Use Description: Clear thin liquid with strong petroleum solvent odor

Manufacturer or suppliers’ details

P & S Sales, Inc
20943 Cabot Blvd.
Hayward CA 94545

Emergency Number: 800-255-3924
Customer Service: 510-732-2628
Business Fax: 510-732-2632

Section 2. Hazards Identification

GHS Classification

- **Flammable Liquids**: Category 2
- **Acute toxicity (Inhalation)**: Category 4
- **Acute toxicity (dermal)**: Category 4
- **Skin Irritation**: Category 2
- **Eye Irritation**: Category 2B
- **Carcinogenicity**: Category 2
- **Specific target organ toxicity - repeated exposure**: Category 2 (Auditory System)
- **Aspiration Hazard**: Category 1

GHS Label Elements

Hazard Pictograms

Hazard Word: Danger

Hazard Statements

- H225: Highly flammable liquid and vapour
- H304: May be fatal if swallowed and enters airways
- H312: Harmful in contact with skin
- H332: Harmful if inhaled
- H315: Causes skin irritation
- H320: Causes eye irritation
- H373: May cause damage to organs through prolonged or repeated exposure

Precautionary Statements

- P202: Do not handle until all safety precautions have been read and understood
- P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
- P243: Take precautionary measures against static discharge
- P264: Wash skin thoroughly after handling
3. Composition Information on Ingredients

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Wt %</th>
<th>Component Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1330-20-7</td>
<td>10-15</td>
<td>Mixed Xylenes</td>
</tr>
<tr>
<td>64742-47-8</td>
<td>50-70</td>
<td>Aliphatic Petroleum Distillates</td>
</tr>
<tr>
<td>67-64-1</td>
<td>10-15</td>
<td>Acetone</td>
</tr>
<tr>
<td>108-32-7</td>
<td>2-8</td>
<td>1,3-Dioxolan-2-one, 4-methyl-</td>
</tr>
</tbody>
</table>

Amounts specified are typical and do not represent a specification. Remaining components are proprietary, non-hazardous, and/or present at amounts below reportable limits.

4. First Aid Measures

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately.

**Ingestion:** Aspiration hazard. If swallowed, vomiting may occur spontaneously, but DO NOT INDUCE. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Never give anything by mouth to an unconscious person. Call a physician immediately.

**Skin Contact:** Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

5. Fire Fighting Measures

**Explosion:** Above flash point, vapor-air mixtures are explosive within flammable limits noted above. Contact with strong oxidizers may cause fire. Sealed containers may rupture when heated. Sensitive to static discharge.

**Fire Extinguishing Media:** Dry chemical, foam or carbon dioxide. Water spray may be used to keep fire exposed containers...
cool, dilute spills to nonflammable mixtures, protect personnel attempting to stop leak and disperse vapors.

**Special Information:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Vapors can flow along surfaces to distant ignition source and flash back.

### 6. Accidental Release Measures

Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e.g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures. US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

### 7. Handling and Storage

Protect against physical damage. Store in a cool, dry well-ventilated location, away from any area where the fire hazard may be acute. Outside or detached storage is preferred. Separate from incompatibles. Containers should be bonded and grounded for transfers to avoid static sparks. Storage and use areas should be No Smoking areas. Use non-sparking type tools and equipment, including explosion proof ventilation. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product. Do Not attempt to clean empty containers since residue is difficult to remove. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, sparks, flame, static electricity or other sources of ignition: they may explode and cause injury or death.

### 8. Exposure Controls and Personal Protection

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Substance</th>
<th>100 ppm ACGIH TWA</th>
<th>150 ppm ACGIH STEL</th>
<th>100 ppm OSHA Z-1 TWA</th>
<th>435 mg/m³ OSHA Z-1 TWA</th>
<th>200 mg/m³ ACGIH TLV (Skin)</th>
<th>5 mg/m³ OSHA VPEL TWA</th>
<th>1000 ppm OSHA P90 TWA</th>
<th>250 ppm NIOSH REL TWA</th>
<th>None Established</th>
</tr>
</thead>
<tbody>
<tr>
<td>1330-20-7</td>
<td>Mixed Xylenes</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>None Established</td>
</tr>
</tbody>
</table>

**Ventilation System:** A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details. Use explosion-proof equipment.

**Personal Respirators (NIOSH Approved):** If the exposure limit is exceeded and engineering controls are not feasible, a half-face organic vapor respirator may be worn for up to ten times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. A full-face piece organic vapor respirator may be worn up to 50 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. For emergencies or instances where the exposure levels are not known, use a full-face piece positive-pressure, air-supplied respirator. WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres. Where respirators are required, you must have a written program covering the basic requirements in the OSHA respirator standard. These include training, fit testing, medical approval, cleaning,
maintenance, cartridge change schedules, etc. See 29CFR1910.134 for details.

**Skin Protection:** Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

**Eye Protection:** Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

### 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point</td>
<td>29°C (84°F)</td>
</tr>
<tr>
<td>Auto Ignition</td>
<td>464 °C (867°F)</td>
</tr>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Clear</td>
</tr>
<tr>
<td>Vapor Press</td>
<td>0.01 mm Hg</td>
</tr>
<tr>
<td>pH</td>
<td>N/A</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.827</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>&lt;.01</td>
</tr>
<tr>
<td>Melting Point</td>
<td>-42 °F</td>
</tr>
<tr>
<td>Odor</td>
<td>Aromatic solvent</td>
</tr>
<tr>
<td>VOC Content</td>
<td>89.2%</td>
</tr>
<tr>
<td>Vapor Press</td>
<td>0.01 mm Hg</td>
</tr>
</tbody>
</table>

### 10. Stability and Reactivity

**Stability** Stable

**Conditions to Avoid**
- Do not allow contact with strong oxidizing agents and strong acids.
- Keep away from heat, flames, ignition sources and incompatibles.

**Hazardous Decomposition Products**
- Involvement in a fire causes formation of carbon monoxide and unidentified organic components.

### 11. Toxicological Information

**Acute toxicity**

**Acute oral toxicity**: Acute toxicity estimate: 3,523 mg/kg Method: Calculation method

**Acute inhalation toxicity**: Acute toxicity estimate: 4631 ppm Exposure time: 4 h Test atmosphere: gas Method: Calculation method

**Acute dermal toxicity**: Acute toxicity estimate: 1,100 mg/kg Method: Calculation method

**Carcinogenicity** - Assessment: Animal testing did not show any carcinogenic effects.

**Reproductive toxicity** - Animal testing did not show any effects on fertility. No toxicity to reproduction

### 12. Ecological Information

**Environmental Fate**: Following data for xylene: When released into the soil, this material may evaporate to a moderate extent. When released into the soil, this material is expected to leach into groundwater. When released into the soil, this material may biodegrade to a moderate extent. When released into water, this material may evaporate to a moderate extent. When released into water, this material may biodegrade to a moderate extent. When released into the air, this material may be moderately degraded by reaction with photochemically produced hydroxyl radicals. When released into the air, this material is expected to have a half-life of less than 1 day. This material is not expected to significantly bioaccumulate. (mixed xylenes: octanol / water partition coefficient 3.1 - 3.2; bioconcentration factor = 1.3, eels)

**Environmental Toxicity**: For xylene: This material is expected to be slightly toxic to aquatic life. The LC50/96-hour values for fish are between 10 and 100 mg/l.

**Toxicity to fish**: LC50 (Onchorynchus mykiss (rainbow trout)): 2.6 mg/l Exposure time: 96 h

**Biodegradability**: Xylene Inoculum: activated sludge Result: Readily biodegradable.

### 13. Disposal Considerations
14. Transportation Information

Combination package, inner package under 1 Liter
Not Considered Hazardous, exception 173.150(b)(2)

Non-bulk packagings (capacity greater than or equal to 1 Liter)
   UN1993, Flammable Liquid, N.O.S. (Naphtha Solvent), 3, PG II

Transported by air or marine vessel:
   Bulk or non-bulk packagings
      UN1993, Flammable Liquid, N.O.S. (Naphtha Solvent), 3, PG II

15. Regulatory Information

TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

CARB VOC info: less than 20% VOC as regulated by CARB Consumer Products requirements, 94510 (d)
ARB VOC Info: 6.338 lb/gal VOC; 722.3 g/L

EPA SARA Title III Chemical Listings
   Section 302 Extremely Hazardous Substances (40 CFR 355): None.
   Section 304 CERCLA Hazardous Substances (40 CFR 302): None.
   Section 311/312 Hazard Class (40 CFR 370):
      Acute: Yes
      Chronic: Yes
      Fire: Yes
      Pressure: No
      Reactive: No
   Section 313 Toxic Chemicals (40 CFR 372): Listed for covered facilities.

Prop 65:
   △ WARNING: This product can expose you to chemicals including ethyl benzene, which is known to the State of California to cause cancer.

16. Other Information

Revision Date 8/31/2018

Label Hazard Warning (for retail packaging): DANGER: Contains Xylene! Harmful or fatal if swallowed! Call Physician Immediately. Vapor Harmful KEEP OUT OF REACH OF CHILDREN!

The information and recommendations are offered for the user’s consideration and examination, and it is the user’s responsibility to satisfy itself that they are suitable and complete for its particular use. If buyer repackages this product, legal counsel should be consulted to insure proper health, safety and other necessary information is included on the container.

Key or legend to abbreviations and acronyms used in the safety data sheet