



## 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**



- P271: **Use only outdoors or in a well-ventilated area**  
P281: **Use personal protective equipment as required**  
P301: **IF SWALLOWED:**  
P310: **Immediately call a POISON CENTER or doctor/physician**  
P303: **IF ON SKIN (or hair):**  
P361: **Remove/Take off immediately all contaminated clothing**  
P353: **Rinse skin with water/shower**  
P304: **IF INHALED:**  
P340: **Remove victim to fresh air and keep at rest in a position comfortable for breathing**  
P312: **breathing**  
P305: **Call a POISON CENTER or doctor/physician if you feel unwell**  
P351: **IF IN EYES:**  
P338: **Rinse cautiously with water for several minutes**  
P331: **Remove contact lenses if present and easy to do. continue rinsing**  
P370: **Do NOT induce vomiting**  
P378: **IN CASE OF FIRE:**  
P403: **Use dry sand, dry chemical or alcohol resistant foam for extinction.**  
P235: **Store in a well ventilated place**  
P501: **Keep cool**  
**Dispose of contents/container to an approved waste disposal plant.**

### 3. Composition Information on Ingredients

CAS Number	Wt %	Component Name
1330-20-7	10-15	Mixed Xylenes
64742-47-8	50-70	Aliphatic Petroleum Distillates
67-64-1	10-15	Acetone
108-32-7	2-8	1,3-Dioxolan-2-one, 4-methyl-

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

1330-20-7	Mixed Xylenes	100 ppm ACGIG TWA
		150 ppm ACGIH STEL
		100 ppm OSHA Z-1 TWA
		435 mg/m3 OSHA Z-1 TWA
64742-47-8	Aliphatic Petroleum Distillates	200 mg/m3 ACGIH TLV (Skin)
		5 mg/m3 OSHA VPEL TWA
67-64-1	Acetone	1000 ppm OSHA P0 TWA
		250 ppm NIOSH REL TWA
108-32-7	1,3-Dioxolan-2-one, 4-methyl-	None Established

**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

<b>Flash Point</b> 29°C (84°F)	<b>Upper Flamability Limit</b> 1.0%	
<b>Auto Ignition</b> 464 °C (867°F)	<b>Lower Flamability Limit</b> 7.0%	
<b>Physical State</b> liquid	<b>Color</b> clear	<b>Vapor Press</b> .010 mm Hg
<b>pH</b> N/A	<b>Specific Gravity</b> .827	<b>Viscosity</b> thin
<b>Vapor Density (Air=1)</b> 5	<b>Melting Point °F</b> -42	<b>Odor</b> aromatic solvent
<b>Water Solubility</b> <.01	<b>VOC Content</b> 89.2% VOC, See Section 15 for more information	

## 10. Stability and Reactivity

**Stability** Stable

**Hazardous Polymerization** Not Expected to Occur

### 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 (Oncorhynchus mykiss (rainbow trout)): 2.6 mg/l Exposure time: 96 h

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

## 13. Disposal Considerations



Dispose of all waste and contaminated equipment in accordance with all applicable federal, state and local health and environmental regulations. Recovery and reuse, rather than disposal, should be the ultimate goal of handling efforts. The materials resulting from clean-up operations may be hazardous wastes and therefore, subject to specific regulations. Use only licensed transporters and permitted facilities for waste disposal.

#### 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**



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ACGIH American Conference of Government Industrial Hygienists  
LD50 Lethal Dose 50%  
AICS Australia, Inventory of Chemical Substances  
LOAEL Lowest Observed Adverse Effect Level  
DSL Canada, Domestic Sub- stances List  
NFPA National Fire Protection Agency  
NDSL Canada, Non-Domestic Sub- stances List  
NIOSH National Institute for Occupational Safety & Health  
CNS Central Nervous System  
NTP National Toxicology Program  
CAS Chemical Abstract Service  
NZIoC New Zealand Inventory of Chemicals  
EC50 Effective Concentration  
NOAEL No Observable Adverse Effect Level  
EC50 Effective Concentration 50%  
NOEC No Observed Effect Concentration  
EGEST EOSCA Generic Exposure Scenario Tool  
OSHA Occupational Safety & Health Administration  
EOSCA European Oilfield Specialty Chemicals Association  
PEL Permissible Exposure Limit  
EINECS European Inventory of Exist- ing Chemical Substances  
PICCS Philipines Inventory of Commercial Chemical Substances  
MAK Germany Maximum Concentration Values  
PRNT Presumed Not Toxic  
GHS Globally Harmonized System  
RCRA Resource Conservation Recovery Act  
>= Greater Than or Equal To  
STEL Short-term Exposure Limit  
IC50 Inhibition Concentration 50%  
SARA Superfund Amendments and Reauthorization Act.  
IARC International Agency for Re- search on CaNcer  
TLV Threshold Limit Value  
IECSC Inventory of Existing Chemical Substances in China  
TWA Time Weighted Average  
ENCS Japan, Inventory of Existing and New Chemical Sub- stances  
TSCA Toxic Substance Control Act  
KECI Korea, Existing Chemical Inventory  
UVCB Unknown or Variable Composition, Complex Reaction Products, and Biological Materials  
<= Less Than or Equal TO  
WHMIS Workplace Hazardous Materials In- formation System  
LC50 Lethal Concentration 50%



**P & S Sales, Inc.**

**Safety Data Sheet**

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