

## 1. Product and Manufacturer Identification

Product Name: **Volatile Solvent**  
 Product Use: Professional spot remover  
 Manufacturer: Von Schrader Company  
 1600 Junction Avenue  
 Racine, WI 53403  
 (262) 634-1956

24 Hr. Emergency Phone #  
 800-626-6916  
 or Dan @ 414-761-1923  
 or Greg @ 262-637-7431

## 2. Composition/ Information On Hazardous Ingredients

| Ingredient Name     | CAS #    | EC#       | Weight % | Risk (See sections 3 and 16) |
|---------------------|----------|-----------|----------|------------------------------|
| Tetrachloroethylene | 127-18-4 | 204-825-9 | 100      | Xn, R40, N, R51/53           |

## 3. Hazard Identification

Emergency Overview: Harmful, irritant, possible carcinogen.  
 Potential Health Hazards:  
 SKIN: Irritant  
 EYES: Severe irritant  
 INHALATION: Do not breathe fumes. (S23) Respiratory irritant. May cause cardiac sensitization in susceptible individuals. Excessive exposure may cause liver or central nervous system injury. Limited evidence of carcinogenic effect. (R40)  
 INGESTION: Aspiration injury risk  
 ENVIRONMENT: Dangerous for the environment. Avoid release to the environment. (R51/53)

## 4. First Aid Measures

SKIN: Rinse with plenty of water.  
 EYES: Check and remove contact lenses. Rinse with plenty of water. Seek medical attention.  
 INHALATION: Remove to fresh air. If breathing is difficult, administer oxygen. If victim is not breathing, perform mouth-to-mouth respiration. Get medical attention.  
 INGESTION: DO NOT INDUCE VOMITING. Seek immediate medical attention.

## 5. Fire Fighting Measures

Flammable Properties:  
 Flash Point: Noncombustible  
 Extinguishing Media: Use extinguishing media appropriate for material in surrounding fire.  
 Unusual Fire And Explosion Hazards: Thermal decomposition will release hydrogen chloride, phosgene, and chlorine.  
 Special Fire Fighting Procedures: Wear NIOSH-approved self-contained breathing apparatus and protective clothing.

## 6. Accidental Release Measures

Spill And Leak Procedures: Absorb with an inert material and put spilled material in a container for disposal. Keep out of sewers, soil, and surface water.

## 7. Handling And Storage

Handling Procedures: Avoid contact with skin and eyes. Do not breathe fumes/ vapor. (S23) In case of insufficient ventilation wear suitable respiratory equipment.  
 Storage Procedures: KEEP OUT OF THE REACH OF CHILDREN. (S2) Keep locked up. Keep container tightly sealed.

## 8. Exposure Controls/ Personal Protection

Exposure Guidelines  

| Ingredient name     | ACGIH TLV           | ACGIH STEL          | UK WEL                               |
|---------------------|---------------------|---------------------|--------------------------------------|
| Tetrachloroethylene | 170 mg/ m3 (25 ppm) | 685-mg/-m3 (100ppm) | 345 mg/ m3 (LTEL), 689 mg/ m3 (STEL) |

 Engineering Controls: Use general ventilation. Dilution ventilation is necessary for enclosed spaces.  
 Personal Protective Equipment:  
 Skin Protection: Chemical resistant gloves, like nitrile, PVA or viton.  
 Eye Protection: Safety glasses with side shields or splash goggles.  
 Respiratory Protection: If ventilation is not adequate then use a NIOSH-approved respirator with an organic vapor cartridge.

## 9. Physical And Chemical Properties

Appearance: Clear colorless liquid  
 Odor: Mildly sweet, ether-like odor.  
 pH: Not applicable  
 Specific Gravity: 1.64  
 Water Solubility: Negligible  
 % VOC: 0%  
 Vapor Pressure: 17-mmHg @20°C  
 Vapor Density: 5.72

## 10. Stability And Reactivity

Chemical Stability: Stable  
 Incompatibility: Strong oxidizers. Reacts with zinc (galvanized metal) to form dichloroacetylene.  
 Hazardous Decomposition: Thermal decomposition will release hydrogen chloride, phosgene, and chlorine.  
 Hazardous Polymerization: Will not occur

## 11. Toxicological Information

Immediate (Acute) Effects: LD50 (Oral, rat)= 4,900 mg/ kg, but may cause aspiration injury to lungs  
 Severe eye irritant, and irritating to skin and respiratory system  
 Exposure to susceptible individuals may develop potentially fatal cardiac sensitization  
 Delayed (Sub chronic And Chronic) Effects: Possible Carcinogen; NTP: anticipated carcinogen, IARC: probable carcinogen (liver, kidney cancer, and leukemia in rats), EU cancer cat. 3, overexposure may cause CNS effects and liver injury

## 12. Ecological Information

Ecotoxicological Information: Long-term degradation products may arise. Products of biodegradation are more toxic. LC50 1-10 mg/L Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. (R51/53)  
 Environmental Fate: Degradation unlikely, nearly inert.

## 13. Disposal Considerations

Recycle if possible. Dispose of in accordance with applicable Federal, State and Local regulations. Consult local or regional authorities.

## 14. Transportation Information

### DOT and TDG Classification:

DOT Proper Shipping Name: ORM-D (Consumer commodity) UN/UA: UN1897 Hazard Class: 6.1

## 15. Regulatory Information

### Inventory Status

|                         |        |
|-------------------------|--------|
| USA (TSCA)              | Listed |
| Canada (DSL)            | Listed |
| Europe (EINECS/ ELINCS) | Listed |
| Japan (ENCS)            | Listed |
| Australia (AICS)        | Listed |
| Korea (ECL)             | Listed |
| Philippines (PICCS)     | Listed |
| China                   | Listed |

### Additional Information

WHMIS Classification: D (Poisonous)  
 SARA Title III: Not applicable  
 CERCLA Reportable Quantities: Not applicable  
 California Proposition 65: This product contains a chemical known to the State of California to cause cancer.

## 16. Other Information

| HAZARD RATING | HMIS | NFPA |
|---------------|------|------|
| Health        | 2    | 2    |
| Flammability  | 0    | 0    |
| Reactivity    | 0    | 0    |
| PPE           | H    |      |

This is a commercial cleaning chemical for use by professionals.

EU Classification; Harmful (Xn), Limited evidence of carcinogenic effect. (R40)  
 Dangerous for the environment (N) Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. (R51/53)  
 Keep out of reach of children. (S2), Do not breathe fumes. (S23), Wear suitable protective clothing and gloves. (S36/37), Avoid release to the environment. Refer to Safety Data Sheets. (S61)

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