

# MSDS Material Safety Data Sheet

Wechem, Inc.



Excel 125

MSDS Number: S650E

Revision Date: 08/16/11

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## 1 PRODUCT AND COMPANY IDENTIFICATION

### Manufacturer

Wechem, Inc  
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Product Name: Excel 125  
Revision Date: 08/16/11  
MSDS Number: S650E  
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## 2 HAZARDS IDENTIFICATION

Route of Entry: Ingestion, eye, skin absorption, inhalation  
Target Organs:  
Inhalation: Can cause irritation to upper respiratory tract, headache, drowsiness, narcosis, anesthesia, unconsciousness and possible death.  
Skin Contact: Prolonged contact may cause irritation.  
Eye Contact: Irritation  
Ingestion: Small amounts not likely to cause injury. Large amounts harmful or fatal.  
HMIS II-ratings (scale 0-4): Health = 2, Fire = 1, Reactivity = 0  
HMIS® Rating H\*2/F1/PH0  
NFPA-ratings (scale 0-4): Health = 2, Fire = 1, Reactivity = 0

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

| Cas #    | Chemical Name        | Perc.  | OSHA PEL (ppm) | ACGIH TLV(ppm) | Carcin. Ref. |
|----------|----------------------|--------|----------------|----------------|--------------|
| 79016    | Trichloroethylene    | 90-100 | 50             | 50             | B,C          |
| 64742478 | Petroleum Distillate | 1-10   | NA             | NA             | D            |



## 4 FIRST AID MEASURES

**Inhalation:** Remove to fresh air. Resuscitate if necessary. Seek medical attention.  
**Skin Contact:** Wash with soap and water. If irritated seek medical attention.  
**Eye Contact:** Flush with water for 15 minutes. If irritated, seek medical attention.  
**Ingestion:** Do not induce vomiting. Get medical attention.

## 5 FIRE FIGHTING MEASURES

**Flash Point:** None  
**Flash Point Method:** TCC  
**Burning Rate:** ND  
**Autoignition Temperature:** ND  
**LEL:** ND  
**UEL:** ND  
**Flammability Classification:** NA

Extinguishing media: Foam, dry chemical, carbon dioxide, water spray or fog

Special Fire fighting procedures: Use self-contained breathing apparatus and protective clothing if needed.

Unusual Fire & Explosion Hazard: Container may vent and/ or rupture to fire and can burn at room temperature.

## 6 ACCIDENTAL RELEASE MEASURES

Contain liquid and absorb with suitable medium.

## 7 HANDLING AND STORAGE

**Handling Precautions:** Keep containers tightly closed when not in use. Handle all containers carefully. Store in a cool, dry area, away from sources of ignition and oxidizers.  
**Storage Requirements:** Keep containers tightly closed when not in use. Handle all containers carefully. Store in a cool, dry area, away from sources of ignition and oxidizers. Keep out of reach of children.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Ventilation Requirement: General and/ or local to control airborne levels below exposure limits.  
**Protective Equipment:** HMIS PP, B | Goggles, Gloves  
Respiratory Protection: NOISH approved respirator.  
Protective gloves: Rubber/ chemical proof  
Eye protection: Safety glasses/ goggles  
**Exposure Guidelines/Other:** Hygienic work practices: Wash with soap and water before handling food.



## 9 PHYSICAL AND CHEMICAL PROPERTIES

|                               |  |                              |                            |
|-------------------------------|--|------------------------------|----------------------------|
| <b>Appearance:</b>            | Colorless liquid                       | <b>Boiling Point:</b>        | 189 Deg. F.                |
| <b>Physical State:</b>        |  | <b>Freezing/Melting Pt.:</b> | NA                         |
| <b>Odor:</b>                  | Irritating odor at high concentrations | <b>Solubility:</b>           | 0.1 G/100G @ 25 Deg. C.    |
| <b>pH:</b>                    | NA                                     | <b>Spec Grav./Density:</b>   | (H2O=1): 1.47 @ 20 Deg. C. |
| <b>Vapor Pressure:</b>        | NA                                     |                              |                            |
| <b>Vapor Density:</b>         | (Air=1): 4.53                          |                              |                            |
| <b>Heat Value:</b>            | NA                                     |                              |                            |
| <b>Evap. Rate:</b>            | NA                                     |                              |                            |
| <b>Bulk Density:</b>          | NA                                     |                              |                            |
| <b>Octanol:</b>               | NA                                     |                              |                            |
| <b>Molecular Weight:</b>      | NA                                     |                              |                            |
| <b>Particle Size:</b>         | NA                                     |                              |                            |
| <b>Softening Point:</b>       | NA                                     |                              |                            |
| <b>Viscosity:</b>             | NA                                     |                              |                            |
| <b>Sat. Vap. Concentrat.:</b> | NA                                     |                              |                            |
| <b>Molecular Formula:</b>     | NA                                     |                              |                            |

## 10 STABILITY AND REACTIVITY

|  |  |
|--|--|
| <b>Stability:</b>                            | Stable   |
| <b>Conditions to avoid:</b>                  | Direct sunlight, open flames, heat, welding arcs   |
| <b>Materials to avoid (incompatibility):</b> | Metals like aluminum powder, magnesium powder, potassium, sodium and zinc powder, bases, oxidizers |
| <b>Hazardous Decomposition products:</b>     | Hydrogen chloride, trace amounts of chlorine and phosgene  |
| <b>Hazardous Polymerization:</b>             | Will not occur   |

## 11 TOXICOLOGICAL INFORMATION

NA

## 12 ECOLOGICAL INFORMATION

Releases of this product to the environment are regulated by federal and state environmental laws. Use only in accordance with label directions.

## 13 DISPOSAL CONSIDERATIONS

Dispose of according to local, state, or federal regulations.



## 14 TRANSPORT INFORMATION

Proper Shipping Name:

For 1 Gal: Consumer Commodity, ORM-D

For 5, 35, 55 Gal: Trichloroethylene, 6.1, UN 1710, PG III

## 15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

\*Trichloroethylene (79016 90-100%) CERCLA, CSWHS, EPCRAWPC, HAP, HWRCRA, MASS, NJHS, OSHAWAC, PA, PRIPOL, PROP65, SARA313, TOXICPOL, TOXICRCRA, TXAIR, TXHWL

\*Distillates, petroleum, hydrotreated light (64742478 1-10%) TSCA

REGULATORY KEY DESCRIPTIONS

CERCLA = Superfund clean up substance  
CSWHS = Clean water Act Hazardous substances  
EPCRAWPC = EPCRA Water Priority Chemicals  
HAP = Hazardous Air Pollutants  
HWRCRA = RCRA Hazardous Wastes  
MASS = MA Massachusetts Hazardous Substances List  
NJHS = NJ Right-to-Know Hazardous Substances  
OSHA = OSHA workplace Air Contaminants  
PA = PA Right-To-Know List of Hazardous Substances  
PRIPOL = Clean Water Act Priority Pollutants  
PROP65 = CA Prop 65  
SARA313 = SARA 313 Title III Toxic Chemicals  
TOXICPOL = Clean Water Act Toxic Pollutants  
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)  
TXAIR = TX Air Contaminants with Health Effects Screening Level  
TXHWL = TX Hazardous Waste List

TSCA = Toxic Substances Control Act

## 16 OTHER INFORMATION

We believe the statements technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. \*\* Chemical listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not listed [e] Animal data only  
N/A = Not available N/D = Not determined