

## 1. IDENTIFICATION

**Product Identifier**

**Product Name** WEST D-CARB

**Recommended use of the chemical and restrictions on use**

**Recommended use** Degreaser- carbon remover  
**Restrictions on use** For industrial use only

**Supplier details**

West Penetone Inc.  
10900 Secant  
Montréal, QC,  
H1J 1S5  
Tel: 514-355-4660

**Emergency Telephone Number**

Canutec: (613)-996-6666

## 2. HAZARDS IDENTIFICATION

**Classification**

Flammable liquids	Category 4
Skin corrosion/irritation	Category 2
Eye damage/Irritation	Category 1
Aspiration hazard	Category 1

**Label Elements**

**DANGER**

**Hazard Statements**

Combustible liquid  
Causes skin irritation  
Causes serious eye damage  
May be fatal if swallowed and enters airways



**Precautionary Statements - Prevention**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Wash face, hands and any exposed skin thoroughly after handling.  
Avoid breathing mist/vapors/spray.  
Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.  
IF ON SKIN (or hair): Wash with plenty of water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash it before re-use.  
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.  
In case of fire: Use CO<sub>2</sub>, foam, dry chemical, water fog to extinguish.

**Precautionary Statements - Storage**

Store locked up. Store in a well ventilated place.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant according to local, provincial/federal regulations.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %
Aromatic hydrocarbons	64742-94-5	40-50
Potassium fatty acid soap	61790-44-1	10-20
Hexyl acetate	142-92-7	10-15
Ethylene glycol monobutyl ether	111-76-2	5-10
Hexylene glycol	107-41-5	5-10
Monoethanolamine	141-43-5	1-3

**4. FIRST AID MEASURES****Eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician

**Skin contact**

Wash with plenty of water. If skin irritation or rash occurs, get medical advice/attention. Take off contaminated clothing and wash it before re-use.

**Inhalation**

If difficulties occur after mist/vapors/spray has been inhaled, remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

**Ingestion**

Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

**Most important symptoms and effects, both acute and delayed**

Contact with eyes may cause serious damage leading to irritation, discomfort or pain, excess blinking and tear production with marked excess redness and swelling of the conjunctiva. Contact with skin may cause irritation with local redness. Inhalation of mist/vapors/spray may cause respiratory tract irritation leading to a temporary burning sensation of the nose and throat, coughing, and difficulty breathing. Ingestion may cause irritation or a burning sensation of the mouth and throat and abdominal pain. May cause pneumonitis if aspirated.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

CO<sub>2</sub>, foam, dry chemical, water fog.

**Unsuitable Extinguishing Media**

Do not use a solid water stream as this may spread the fire.

**Specific hazards arising from the chemical**

During fire, gases hazardous to health may be formed including oxides of carbon, nitrogen, and sulfur and other irritating gases.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Remove all sources of ignition. Avoid contact with skin, eyes and clothing. Use personal protective equipment.

### Environmental Precautions

Avoid discharge into drains/surface waters/groundwater.

### Methods and material for containment and cleaning up

Contain and solidify with inert absorbent material. Keep in suitable, closed containers for disposal. Following product recovery, flush area with water.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

**Handling** Avoid contact with skin, eyes and clothing. Ensure thorough ventilation of work areas.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed away from direct sunlight in a dry, cool and well-ventilated place, away from incompatible materials.

**Incompatible Materials** Strong oxidizing agents

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

Only constituents with exposure limits are listed. Any constituent not listed has no known exposure limit.

Chemical Name	ACGIH TLV
Aromatic hydrocarbons 64742-94-5	TWA: 100 mg/m <sup>3</sup> (supplier recommendation)
Ethylene glycol monobutyl ether 111-76-2	TWA: 20 ppm
Monoethanolamine 141-43-5	TWA : 3 ppm/7.5 mg/m <sup>3</sup> STEL : 6 ppm/15 mg/m <sup>3</sup>
Hexylene glycol 107-41-5	STEL : 25 ppm Ceiling

### Appropriate engineering controls

**Engineering Controls** Ensure adequate ventilation, especially in confined areas.

### Individual protection measures, such as personal protective equipment

**Eye/face Protection** Safety glasses with side shields.

**Skin and body protection** Wear rubber or neoprene gloves.

**Respiratory Protection** If exposure limits are exceeded or if ventilation is inadequate, NIOSH/MSHA approved respiratory protection for organic vapors should be worn.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE :**

Clear, amber liquid

**ODOR**

Solvent - sweet

**ODOR THRESHOLD :**

Not applicable

**pH :**

Not applicable

**MELTING POINT / FREEZING POINT :**

Not available

**BOILING POINT/BOILING RANGE :**

160°C

**FLASH POINT :**

62°C (TCC)

**EVAPORATION RATE, acetone = 1 :**

&lt; 1

**FLAMMABILITY (SOLID, GAS):**

Not applicable

**VAPOR PRESSURE, mm Hg AT 20°C :**

1-5

**VAPOR DENSITY (Air = 1) :**

Not applicable

**RELATIVE DENSITY AT 20°C:**

0.92

**SOLUBILITY IN WATER :**

Forms emulsion

**PARTITION COEFFICIENT, N-OCTANOL/WATER :**

Not available

**AUTO-IGNITION TEMPERATURE :**

Not available

**DECOMPOSITION TEMPERATURE:**

Not available

**VISCOSITY:**

Not available

**FLAMMABLE LIMITS :****UPPER:** Not available    **LOWER :** Not available

## 10. STABILITY AND REACTIVITY

**Reactivity**

Not reactive.

**Chemical Stability**

Stable under normal conditions.

**Incompatible Materials**

Strong oxidizing agents.

**Conditions to Avoid**

Avoid all sources of ignition: open flame. Store away from incompatible materials.

**Possibility of hazardous reactions**

Under normal conditions of storage and use, hazardous reactions will not occur.

**Hazardous decomposition products**

None.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Aromatic hydrocarbons 64742-94-5	>5000 mg/kg (rat)	>2000 mg/kg (rabbit)	4688 mg/m <sup>3</sup> (rat) 4 h
Potassium fatty acid soap 61790-44-1	Not available	Not available	Not applicable
Ethylene glycol monobutyl ether 111-76-2	1300 mg/kg (Rat)	> 2 g/kg (Rat)	450 ppm (rat) – 4 hours
Monoethanolamine 141-43-5	1720 mg/kg (rat)	1000 mg/kg (rabbit)	Not available
Hexyl acetate 142-92-7	>5000 mg/kg (rat)	>5000 mg/kg (rabbit)	Not available
Hexylene glycol 107-41-5	>3700 mg/kg (rat)	>2000 mg/kg (rat)	Not available

**Information on likely sources of exposure****Inhalation**

May cause respiratory irritation and possible damage

**Serious eye damage/irritation**

Causes serious eye damage.

**Skin corrosion/irritation**

Causes skin irritation.

**Ingestion**

May be harmful if swallowed

**Delayed and immediate effects and also chronic effects from short and long-term exposure**

<b>Respiratory or skin sensitization</b>	None known
<b>Germ cell mutagenicity</b>	None known
<b>Carcinogenicity</b>	No listed human carcinogens.
<b>Reproductive toxicity</b>	No information available
<b>STOT - single exposure</b>	No information available
<b>STOT - repeated exposure</b>	No information available
<b>Aspiration Hazard</b>	May be fatal if swallowed and enters airways

**Symptoms related to the physical, chemical and toxicological characteristics**

See Section 2 &amp; 4.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

No information available

**Persistence and degradability**

No information available

**Bioaccumulative potential**

No information available.

**Mobility in soil**

No information available

**Other adverse effects**

None known

**13. DISPOSAL CONSIDERATIONS****Waste Disposal Method**

Dispose of in accordance with local regulations.

**Contaminated Packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.

**14. TRANSPORT INFORMATION****TDG classification**

Not regulated

**15. REGULATORY INFORMATION**

All ingredients are listed on the DSL

**16. OTHER INFORMATION****Preparation Date**

January 2, 2017

**Revision Date**

not applicable

**Revision Note**

not applicable

**Disclaimer**

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**End of SDS**