

Safety Data Sheet
ENGINE DEGREASER LVOC

SECTION I - IDENTIFICATION



Car Chem
398 S. King Oak St.
Trenton, IL 62293
(618) 224-7445
INFOTRAC :..... (800) 535-5053

Product Number CC EDLV
Product Name ENGINE DEGREASER LVOC
Chemical Family
CAS Number Multiple
Date Prepared 3/23/2015
Revision Number 8/24/2020
Recommended Use Engine Degreaser

SECTION II - HAZARDOUS IDENTIFICATION

GHS CLASSIFICATION:

Classification

Flammable Liquids	Category 4
Aspiration Hazard	Category 1
Carcinogenicity	Category 2

DANGER!

GHS LABEL:



Hazard Statements

H227	Combustible liquid
H304	May be fatal if swallowed and enters airways
H351	Suspected of causing cancer

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Precautionary Statements

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves, clothing, eye and face protection. Goggles, gloves, face mask/shield and/or a separate approved breathing apparatus if required.
P301+310	IF SWALLOWED: Immediately call a POISON CENTER or physician.
P308+313	IF exposed or concerned: seek medical attention.
P331	Do NOT induce vomiting.
P370+378	In case of fire: Use alcohol resistant foam or CO2 to extinguish.
P403	Store in a well ventilated area.
P405	Store locked up.
P501	Dispose of contents or container according to all state, local and federal laws.

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

The precise composition of this product is proprietary information. In the event of a medical emergency, a complete disclosure will be provided to medical personnel.

Component Name	CAS #	Component%	OSHA PEL	ACGIH TLV
Petroleum Distillates, Hydrotreated, Light	64742-47-8	90-100	500 ppm	500 ppm
Proprietary	Proprietary	<10		
Cumene	98-82-8	<2	50 ppm	50 ppm
1,2,4-Trimethylbenzene	95-63-6	<2	25 ppm	25 ppm
1,3,5-Trimethylbenzene	108-67-8	<2	ND	ND
Dimethylbenzene	1330-20-7	<2	100 ppm	100 ppm
Ethylbenzene	100-41-4	<2	100 ppm	100 ppm

SECTION IV - FIRST AID MEASURES

Contact with eyes: Flush eyes with running water for ten minutes. Remove contact lenses and continue to flush. If irritation persists, seek medical attention.

Skin contact: If on skin rinse well with clean water and soap. If on clothing remove the contaminated clothing immediately. Wash clothing before reuse. Seek medical attention/advice if needed.

Inhalation: Remove victim to fresh air. If breathing difficulty seek medical attention. Administer oxygen or artificial respiration if breathing is affected or stopped. Loosen any tight clothing.

Ingestion: If swallowed. Do not induce vomiting unless instructed to do so by a poison control center. Rinse mouth. Seek immediate medical attention by calling 911 and seeing a physician.

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Aspiration hazard.

Give sips of water. Never give anything by mouth to an unconscious person.

SECTION V - FIREFIGHTING MEASURES

Suitable Extinguishing Media: Water fog, foam, CO₂, dry chemical.

Special Fire Fighting Procedures Combustible liquid.

Unusual Fire Fighting Hazards: Do not use high volume water jet.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Keep all sources of ignition and hot metal surfaces away from spill or release.

Evacuate all unprotected personnel from the area.

Environmental Precautions: Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers or waterways. Notify proper authorities.

Methods for Cleaning Up: Use spark proof equipment. Prevent entry into waterways. Contain and collect spillage with a non combustible absorbent material like sand, vermiculite, diatomous earth.

SECTION VII - HANDLING AND STORAGE

- Handling and Storage:**
- Keep containers tightly closed when not in use.
 - Store materials to avoid sources of ignition and excessive heat.
 - Wash thoroughly after handling.
 - Avoid contact with eyes.

SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:

Component Name	CAS #	OSHA PEL	ACGIH TLV
Petroleum Distillates, Hydrotreated, Light	64742-47-8	500 ppm	500 ppm
Proprietary	Proprietary		
Cumene	98-82-8	50 ppm	50 ppm
1,2,4-Trimethylbenzene	95-63-6	25 ppm	25 ppm
1,3,5-Trimethylbenzene	108-67-8	ND	ND
Dimethylbenzene	1330-20-7	100 ppm	100 ppm
Ethylbenzene	100-41-4	100 ppm	100 ppm

Engineering Controls: Adequate local or mechanical to reduce vapor or mist to below the PEL or TLV. Showers, eye wash stations.

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Monitoring: Do not eat, drink or smoke in areas where this chemical is used or stored.
Wash hands prior to eating, drinking or using the restroom.
Any clothing or shoes which became contaminated with the product should be removed immediately and thoroughly laundered before wearing again.

Personal Protective Equipment (PPE)

Eye Protection: Use eye protection.

Skin Protection: Impervious solvent resistant gloves.
Impervious apron and work boots recommend where splashing may occur.

Respiratory Protection: Use the proper respirator in areas where the chemical exposure is unknown or above the OSHA PEL or ACGIH TLV.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Blue liquid
Odor	Mild, hydrocarbon
pH@25°C	ND
Melting/Freezing Point	32F lowest component
Flashpoint	107.6F LOWEST COMPONENT°F
Specific Gravity	
Solubility	Insoluble in cold or hot water
Auto-Ignition Temperature	>220
Decomposition Temperature	ND
VOC Content	ND
Odor Threshold	ND
Boiling Range	Not Known
Evaporation Point	ND
Flammable Limits - Upper	ND
Flammable Limits - Lower	ND
Vapor Pressure	ND
Vapor Density (Air=1)	ND
Viscosity	

SECTION X - STABILITY AND REACTIVITY

Stability: Stable, under normal conditions of storage and handling.

Conditions to Avoid: Sparks, fire, and extreme temperatures.
Do not allow vapor to accumulate in low or confined areas.

Hazardous Decomposition/Byproducts: No known decomposition if stored properly.

Hazardous Polymerization: Under normal conditions of storage and use, hazardous reactions should not occur.

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Polymerization Conditions to Avoid: None known.

Incompatibilities: Strong acids and oxidizers
Halogen.

SECTION XI - TOXICOLOGICAL INFORMATION

Likely Route of Exposure: Contact and inhalation; ingestion possible.

Inhalation: Prolonged inhalation may be harmful.

Eye Contact: Direct contact with the eyes may cause temporary irritation.

Skin Contact: May cause skin irritation.

Ingestion: Aspiration hazard. Can enter the lungs during swallowing or vomiting and cause chemical pneumonia and edema.

Acute Toxicity Value: Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

Chronic (Long Term) Effects: Suspected of causing cancer.

Toxicity:

Component Name	LD50	LC50
Petroleum Distillates, Hydrotreated, Light	Oral - rat - > 5000 mg/kg - Dermal - rabbit - >2000mg/kg	Inhalation - rat - >5 mg/l / 4 h
Proprietary		
Cumene	Oral-Rat-1400mg/kg	Inhalation-Mouse-24.7 mg/L, 2 hours, 8000ppm, 4 hours, 2000
1,2,4-Trimethylbenzene	Oral - Rat - male - 6,000 mg/kg	Inhalation - rat - 4H/18 mg/l
1,3,5-Trimethylbenzene	Oral-Rat-5000mg/kg	=24g/m3- rat- 4 hours
Dimethylbenzene	Oral - rat - 2,840 mg/kg; Dermal - rabbit - 4,500 mg/kg	Inhalation - rat - 4H/6,350 mg/l
Ethylbenzene	Oral - rat - 3500 mg/kg - Dermal - rabbit - 15,500 mg/kg	Inhalation -rat - 4H/18 mg/l

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Reproductive Effects None known
Teratogenicity None known
Mutagenicity None known
Embryotoxicity None known
Sensitization to Product None known
Synergistic Products Not Applicable
Carcinogenicity

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicity: Chronic NOEL .48mg/l. Daphnia after 21 days of exposure.

Mobility: Information not available.

Degradability: Information not available.

BioAccumulation: Information not available.

SECTION XIII - WASTE DISPOSAL CONSIDERATIONS

Follow federal, state and local guidelines.

SECTION XIV - TRANSPORT INFORMATION

DOT SHIPPING INFORMATION

Proper Shipping Name: Not Regulated

Contains:

Hazard Class and Label:

Identification Number:

Packaging Group:

Other Shipping Info:

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SECTION XV - REGULATORY INFORMATION

TSCA STATUS:..... The components of this product are listed on the TSCA Inventory

SARA TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

SARA TITLE III SECTION 311/312 HAZARD CATEGORIZATION:

Acute	Chronic	Fire	Pressure	Reactive
N/A	X	X		

SARA TITLE III SECTION 313 SUPPLIER INFORMATION:

Component Name	CAS #	% by wt.
Cumene	98-82-8	<2
Pseudocumene	95-63-6	<2
Dimethylbenzene	1330-20-7	<2
Ethylbenzene	100-41-4	<2

CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:

Component Name	CAS #	% by wt.	RQ (lbs.)
	8 100-41-4 1330	<10	
Cumene	98-82-8	<2	5,000
ND	ND	<2	ND
Dimethylbenzene	1330-20-7	<2	100
Ethylbenzene	100-41-4	<2	1,000

CALIFORNIA PROPOSITION 65:

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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SECTION XVI - OTHER INFORMATION

HMIS Health: 1

HMIS Flammability:

HMIS Reactivity: 0

Additional: Other Information (XVI) - Revision 3

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Specification Information

Department issuing data sheet:

Email address: sales@carchem.com

Training necessary: Always use personal protective equipment when using any type of chemicals for home or business use.

Disclaimer:

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