

## 1. Identification

**Product identifier** LDC 60V  
**Other means of identification** Not available.  
**Recommended use** Not available.  
**Recommended restrictions** None known.

### Manufacturer/Importer/Supplier/Distributor information

#### Manufacturer

**Company name** CETCO  
**Address** 2870 Forbs Avenue  
 Hoffman Estates, IL 60192  
 United States  
**Telephone** General Information 800 527-9948  
**Website** <http://www.cetco.com/>  
**E-mail** [safety.data@amcol.com](mailto:safety.data@amcol.com)  
**Emergency phone number** .

**Americas** 1.866.519.4752 (US, Canada, Mexico) 1 760 476 3962

## 2. Hazard(s) identification

**Physical hazards** Not classified.  
**Health hazards** Skin corrosion/irritation Category 2  
 Serious eye damage/eye irritation Category 1  
 Sensitization, respiratory Category 1  
 Sensitization, skin Category 1  
 Germ cell mutagenicity Category 1B  
 Carcinogenicity Category 1B  
 Reproductive toxicity Category 1  
**Environmental hazards** Hazardous to the aquatic environment, acute hazard Category 1  
 Hazardous to the aquatic environment, long-term hazard Category 1  
**OSHA defined hazards** Not classified.

#### Label elements



**Signal word** Danger

**Hazard statement** Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause genetic defects. May cause cancer. May damage fertility or the unborn child. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

**Prevention** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation wear respiratory protection.

**Response** Collect spillage. If on skin: Wash with plenty of water/. If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. 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/doctor/. Specific treatment (see on this label). If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

**Storage** Store locked up.

**Disposal** Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazard(s) not otherwise classified (HNOC)** None known.

**Supplemental information** 57.31% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 56.51% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

### 3. Composition/information on ingredients

#### Mixtures

Chemical name	Common name and synonyms	CAS number	%
Residues, petroleum, steam-cracked		64742-90-1	30 - < 40
CALCIUM CARBONATE	LIMESTONE	1317-65-3	10 - < 20
CALCIUM OXIDE (LIME)		1305-78-8	3 - < 5
CARBON BLACK		1333-86-4	3 - < 5
ANTHRACENE		120-12-7	1 - < 3
STODDARD SOLVENT		8052-41-3	1 - < 3
Di(2-ethylhexyl)phthalate		117-81-7	< 1
Toluene-2,4-diisocyanate		584-84-9	< 1
QUARTZ	CRYSTALLINE SILICA, QUARTZ SILICA (QUARTZ)	14808-60-7	< 0.1
Toluene 2,6-diisocyanate		91-08-7	< 0.1
Other components below reportable levels			30 - < 40

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### 4. First-aid measures

#### Inhalation

Remove to fresh air. If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If the affected person is not breathing, apply artificial respiration. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

#### Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation develops or persists. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

#### Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

#### Ingestion

Call a physician or Poison Control Center immediately. If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting. Rinse mouth. Get medical attention if symptoms occur.

#### Most important symptoms/effects, acute and delayed

Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause allergic skin reaction. May cause allergic respiratory reaction. May cause redness and pain.

#### Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

#### General information

IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

### 5. Fire-fighting measures

#### Suitable extinguishing media

Water fog. Foam. Dry chemical powder. Dry chemical, CO2, water spray or regular foam. Carbon dioxide (CO2).

#### Unsuitable extinguishing media

None known.

#### Specific hazards arising from the chemical

During fire, gases hazardous to health may be formed.

#### Special 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.

#### Fire-fighting equipment/instructions

Withdraw immediately in case of rising sound from venting safety devices or any discoloration of tanks due to fire. In the event of fire, cool tanks with water spray. Cool containers with flooding quantities of water until well after fire is out.

#### Specific methods

Move containers from fire area if you can do so without risk.

**General fire hazards** Not a fire hazard. No unusual fire or explosion hazards noted.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**Methods and materials for containment and cleaning up** Eliminate all sources of ignition or flammables that may come into contact with a spill of this material. Prevent entry into waterways, sewers, basements or confined areas. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways. Stop leak if you can do so without risk. Use clean non-sparking tools to collect absorbed material. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.

**Environmental precautions** Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground. Do not flush into surface water or sanitary sewer system.

## 7. Handling and storage

**Precautions for safe handling** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use this product with adequate ventilation. Use spark-proof tools and explosion-proof equipment. Ground and bond containers when transferring material. Do not get this material in contact with skin or eyes. Do not breathe gas/fumes/vapor/spray. Wash hands after handling and before eating.

Do not get this material in contact with eyes. Avoid contact with skin. Avoid contact during pregnancy/while nursing. Avoid prolonged exposure. Avoid contact with clothing. Provide adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Avoid release to the environment. Do not empty into drains.

**Conditions for safe storage, including any incompatibilities** Store locked up. Keep in a dry, cool and well-ventilated place. Keep away from heat, sparks, and flame. Store in original tightly closed container. Store in a cool, dry place out of direct sunlight. Keep container closed when not in use. Store in a well-ventilated place. Keep this material away from food, drink and animal feed. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
CALCIUM CARBONATE (CAS 1317-65-3)	PEL	5 mg/m <sup>3</sup>	Respirable fraction.
		15 mg/m <sup>3</sup>	Total dust.
CALCIUM OXIDE (LIME) (CAS 1305-78-8)	PEL	5 mg/m <sup>3</sup>	
CARBON BLACK (CAS 1333-86-4)	PEL	3.5 mg/m <sup>3</sup>	
Di(2-ethylhexyl)phthalate (CAS 117-81-7)	PEL	5 mg/m <sup>3</sup>	
STODDARD SOLVENT (CAS 8052-41-3)	PEL	2900 mg/m <sup>3</sup>	
Toluene-2,4-diisocyanate (CAS 584-84-9)	Ceiling	500 ppm 0.14 mg/m <sup>3</sup>	

#### Additional components

Components	Type	Value	Form
INERT OR NUISANCE DUSTS (CAS SEQ250)	PEL	5 mg/m <sup>3</sup>	Respirable fraction.
		15 mg/m <sup>3</sup>	Total dust.

#### US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value	Form
QUARTZ (CAS 14808-60-7)	TWA	0.3 mg/m <sup>3</sup>	Total dust.
		0.1 mg/m <sup>3</sup>	Respirable.
		2.4 millions of particle	Respirable.

**US. OSHA Table Z-3 (29 CFR 1910.1000)**

<b>Additional components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
INERT OR NUISANCE DUSTS (CAS SEQ250)	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 millions of particle	Total dust.
		15 millions of particle	Respirable fraction.

**US. ACGIH Threshold Limit Values**

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
CALCIUM OXIDE (LIME) (CAS 1305-78-8)	TWA	2 mg/m3	
CARBON BLACK (CAS 1333-86-4)	TWA	3 mg/m3	Inhalable fraction.
Di(2-ethylhexyl)phthalate (CAS 117-81-7)	TWA	5 mg/m3	
QUARTZ (CAS 14808-60-7)	TWA	0.025 mg/m3	Respirable fraction.
STODDARD SOLVENT (CAS 8052-41-3)	TWA	100 ppm	
Toluene 2,6-diisocyanate (CAS 91-08-7)	STEL	0.02 ppm	
	TWA	0.005 ppm	
Toluene-2,4-diisocyanate (CAS 584-84-9)	STEL	0.02 ppm	

<b>Additional components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
INERT OR NUISANCE DUSTS (CAS SEQ250)	TWA	3 mg/m3	Respirable particles.
		10 mg/m3	Inhalable particles.

**US. NIOSH: Pocket Guide to Chemical Hazards**

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
CALCIUM CARBONATE (CAS 1317-65-3)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Total
CALCIUM OXIDE (LIME) (CAS 1305-78-8)	TWA	2 mg/m3	
CARBON BLACK (CAS 1333-86-4)	TWA	0.1 mg/m3	
Di(2-ethylhexyl)phthalate (CAS 117-81-7)	STEL	10 mg/m3	
	TWA	5 mg/m3	
QUARTZ (CAS 14808-60-7)	TWA	0.05 mg/m3	Respirable dust.
STODDARD SOLVENT (CAS 8052-41-3)	Ceiling	1800 mg/m3	
	TWA	350 mg/m3	

**Biological limit values**

No biological exposure limits noted for the ingredient(s).

**Appropriate engineering controls**

Ensure adequate ventilation, especially in confined areas. Eye wash facilities and emergency shower must be available when handling this product.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Wear safety glasses with side shields (or goggles) and a face shield. Wear a full-face respirator, if needed. Eye wash fountain is recommended. Wear safety glasses; chemical goggles (if splashing is possible).

**Hand protection**

Wear appropriate chemical resistant gloves.

**Other**

Where contact is likely, wear chemical-resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield. Use of protective coveralls and long sleeves is recommended.

**Respiratory protection** Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection. Wear positive pressure self-contained breathing apparatus (SCBA). If ventilation is not sufficient to effectively prevent buildup of aerosols or vapors, appropriate NIOSH/MSHA respiratory protection must be provided. A NIOSH- approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations** When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace. Use good industrial hygiene practices in handling this material.

## 9. Physical and chemical properties

<b>Appearance</b>	Paste.
<b>Physical state</b>	Solid.
<b>Form</b>	Solid.
<b>Color</b>	Black to brown.
<b>Odor</b>	Solvent.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	192.0 °F (88.9 °C)
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Density</b>	1.32 g/cm <sup>3</sup> estimated
<b>Flammability class</b>	Combustible IIIA estimated
<b>Flash point class</b>	Combustible IIIA
<b>Percent volatile</b>	7 %
<b>Specific gravity</b>	1.32 estimated 1.2
<b>VOC (Weight %)</b>	93 g/l

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Stable at normal conditions.
<b>Possibility of hazardous reactions</b>	Will not occur. Hazardous polymerization does not occur.

<b>Conditions to avoid</b>	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>Incompatible materials</b>	Water. Acids. Strong oxidizing agents. Amines. Alcohols. Fluorine. Incompatible with strong acids and bases.
<b>Hazardous decomposition products</b>	At thermal decomposition temperatures, carbon monoxide and carbon dioxide.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Ingestion</b>	Expected to be a low ingestion hazard.
<b>Inhalation</b>	Prolonged inhalation may be harmful. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
<b>Skin contact</b>	Causes skin irritation. May cause an allergic skin reaction.
<b>Eye contact</b>	Causes serious eye damage.

**Symptoms related to the physical, chemical and toxicological characteristics** Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Skin irritation. May cause redness and pain.

### Information on toxicological effects

**Acute toxicity** May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause allergic skin reaction.

Product	Species	Test Results
LDC 60V (CAS Mixture)		
<b>Acute</b>		
<i>Inhalation</i>		
LC50	Rat	926 mg/l/4h
<b>Components</b>		
<b>Species</b>		
<b>Test Results</b>		
ANTHRACENE (CAS 120-12-7)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rat	> 1320 mg/kg 1320.0001 mg/kg
<i>Oral</i>		
LD50	Mouse	> 17 g/kg
	Rat	16000.0001 mg/kg
<i>Other</i>		
LD50	Mouse	430 mg/kg
CALCIUM OXIDE (LIME) (CAS 1305-78-8)		
<b>Acute</b>		
<i>Oral</i>		
LD50	Rat	500 mg/kg
CARBON BLACK (CAS 1333-86-4)		
<b>Acute</b>		
<i>Oral</i>		
LD50	Rat	> 8000 mg/kg
Di(2-ethylhexyl)phthalate (CAS 117-81-7)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Guinea pig	10 g/kg
	Rabbit	24500 mg/kg
<i>Inhalation</i>		
LC50	Rat	10.6201 mg/l/4h
<i>Oral</i>		
LD50	Guinea pig	26.3 g/kg
	Mouse	> 30 g/kg
	Rabbit	33.9 g/kg
	Rat	6860 mg/kg

Components	Species	Test Results
<i>Other</i>		
LD50	Mouse	1060 mg/kg
	Rat	250 mg/kg
QUARTZ (CAS 14808-60-7)		
<b>Acute</b>		
<i>Oral</i>		
LD50	Rat	500 mg/kg
Residues, petroleum, steam-cracked (CAS 64742-90-1)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	2000.0001 mg/kg
	Rat	2000.0001 mg/kg
<i>Oral</i>		
LD50	Rat	4320 mg/kg
Toluene 2,6-diisocyanate (CAS 91-08-7)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	10000 mg/kg
<i>Inhalation</i>		
LC50	Rat	0.1 mg/l/4h
<i>Oral</i>		
LD50	Rat	3360 mg/kg
Toluene-2,4-diisocyanate (CAS 584-84-9)		
<b>Acute</b>		
<i>Inhalation</i>		
LC50	Guinea pig	13 mg/l, 4 Hours
	Mouse	10 mg/l, 4 Hours
	Rabbit	11 mg/l
	Rat	14 mg/l/4h
		14 mg/l, 4 Hours
<i>Oral</i>		
LD50	Rat	5800 mg/kg

\* Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/eye irritation** Causes serious eye damage.

**Respiratory or skin sensitization**

**ACGIH sensitization**

Toluene 2,6-diisocyanate (CAS 91-08-7) Sensitiser.

Toluene-2,4-diisocyanate (CAS 584-84-9) Sensitiser.

**Respiratory sensitization** May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Skin sensitization** May cause an allergic skin reaction.

**Germ cell mutagenicity** May cause genetic defects.

**Carcinogenicity** May cause cancer.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

ANTHRACENE (CAS 120-12-7) 3 Not classifiable as to carcinogenicity to humans.

CARBON BLACK (CAS 1333-86-4) 2B Possibly carcinogenic to humans.

Di(2-ethylhexyl)phthalate (CAS 117-81-7) 2B Possibly carcinogenic to humans.

QUARTZ (CAS 14808-60-7) 1 Carcinogenic to humans.

Toluene 2,6-diisocyanate (CAS 91-08-7) 2B Possibly carcinogenic to humans.

Toluene-2,4-diisocyanate (CAS 584-84-9) 2B Possibly carcinogenic to humans.

**US. National Toxicology Program (NTP) Report on Carcinogens**

Di(2-ethylhexyl)phthalate (CAS 117-81-7) Reasonably Anticipated to be a Human Carcinogen.

QUARTZ (CAS 14808-60-7) Known To Be Human Carcinogen.

**Reproductive toxicity** May damage fertility or the unborn child.

<b>Specific target organ toxicity - single exposure</b>	Not classified.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not available.
<b>Chronic effects</b>	Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

## 12. Ecological information

**Ecotoxicity** Very toxic to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected. No data available for this product.

Components	Species	Test Results	
<b>ANTHRACENE (CAS 120-12-7)</b>			
Crustacea	EC50	Daphnia	0.754 mg/L, 48 Hours
Fish	LC50	Fish	19.195 mg/L, 96 Hours
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Daphnia magna)	0.081 - 0.112 mg/l, 48 hours
Fish	LC50	Bluegill (Lepomis macrochirus)	0.0045 mg/l, 96 hours
<b>CALCIUM OXIDE (LIME) (CAS 1305-78-8)</b>			
Fish	LC50	Fish	1070 mg/L, 96 Hours
<b>Di(2-ethylhexyl)phthalate (CAS 117-81-7)</b>			
Algae	IC50	Algae	130.0001 mg/L, 72 Hours
Crustacea	EC50	Daphnia	9.4 mg/L, 48 Hours
Fish	LC50	Fish	10.0001 mg/L, 96 Hours
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Daphnia pulex)	0.133 mg/l, 48 hours
Fish	LC50	Bluegill (Lepomis macrochirus)	> 0.2 mg/l, 96 hours
			> 0.2 mg/l, 96 hours
<b>Residues, petroleum, steam-cracked (CAS 64742-90-1)</b>			
Fish	LC50	Fish	48 mg/L, 96 Hours
<b>Toluene-2,4-diisocyanate (CAS 584-84-9)</b>			
<b>Aquatic</b>			
Fish	LC50	Fathead minnow (Pimephales promelas)	108.8 - 240.4 mg/l, 96 hours

\* Estimates for product may be based on additional component data not shown.

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential** No data available.

**Partition coefficient n-octanol / water (log Kow)**

ANTHRACENE	4.45
Di(2-ethylhexyl)phthalate	7.6
STODDARD SOLVENT	3.16 - 7.15

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**US RCRA Hazardous Waste U List: Reference**

Di(2-ethylhexyl)phthalate (CAS 117-81-7)	U028
Toluene 2,6-diisocyanate (CAS 91-08-7)	U223
Toluene-2,4-diisocyanate (CAS 584-84-9)	U223



**Waste from residues / unused products**

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging**

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

**14. Transport information**

**DOT**

<b>UN number</b>	UN3077
<b>UN proper shipping name</b>	Environmentally hazardous substances, solid, n.o.s., MARINE POLLUTANT
<b>Transport hazard class(es)</b>	
<b>Class</b>	9
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	9
<b>Packing group</b>	III
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	Yes
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Special provisions</b>	8, 146, 335, A112, B54, IB8, IP3, N20, T1, TP33
<b>Packaging exceptions</b>	155
<b>Packaging non bulk</b>	213
<b>Packaging bulk</b>	240

**IATA**

Not regulated as dangerous goods.

**IMDG**

<b>UN number</b>	UN1759
<b>UN proper shipping name</b>	CORROSIVE SOLID, N.O.S. (CALCIUM OXIDE (LIME)), MARINE POLLUTANT
<b>Transport hazard class(es)</b>	
<b>Class</b>	8
<b>Subsidiary risk</b>	-
<b>Packing group</b>	III
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	Yes
<b>EmS</b>	F-A, S-B
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

**DOT**



**IMDG**





## 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### CERCLA Hazardous Substance List (40 CFR 302.4)

ANTHRACENE (CAS 120-12-7)	LISTED
Di(2-ethylhexyl)phthalate (CAS 117-81-7)	LISTED
Toluene 2,6-diisocyanate (CAS 91-08-7)	LISTED
Toluene-2,4-diisocyanate (CAS 584-84-9)	LISTED

### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

### US EPCRA Section 304 Extremely Haz. Subs. & CERCLA Haz. Subs.: Section 304 EHS reportable quantity

Toluene 2,6-diisocyanate (CAS 91-08-7)	100 lbs
Toluene-2,4-diisocyanate (CAS 584-84-9)	100 lbs

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories**

- Immediate Hazard - Yes
- Delayed Hazard - Yes
- Fire Hazard - No
- Pressure Hazard - No
- Reactivity Hazard - No

**SARA 302 Extremely hazardous substance** Yes

**SARA 311/312 Hazardous chemical** Yes

### SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
ANTHRACENE	120-12-7	1 - < 3
Di(2-ethylhexyl)phthalate	117-81-7	< 1
Toluene-2,4-diisocyanate	584-84-9	< 1
Toluene 2,6-diisocyanate	91-08-7	< 0.1

### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Di(2-ethylhexyl)phthalate (CAS 117-81-7)  
Toluene-2,4-diisocyanate (CAS 584-84-9)

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Toluene 2,6-diisocyanate (CAS 91-08-7)  
Toluene-2,4-diisocyanate (CAS 584-84-9)

**Safe Drinking Water Act (SDWA)** Not regulated.

**US state regulations** WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

### US - Pennsylvania RTK - Hazardous Substances: Listed substance

ANTHRACENE (CAS 120-12-7)  
CALCIUM CARBONATE (CAS 1317-65-3)  
CALCIUM OXIDE (LIME) (CAS 1305-78-8)  
CARBON BLACK (CAS 1333-86-4)  
Di(2-ethylhexyl)phthalate (CAS 117-81-7)  
QUARTZ (CAS 14808-60-7)  
STODDARD SOLVENT (CAS 8052-41-3)  
Toluene 2,6-diisocyanate (CAS 91-08-7)  
Toluene-2,4-diisocyanate (CAS 584-84-9)

### US. Massachusetts RTK - Substance List

ANTHRACENE (CAS 120-12-7)  
CALCIUM CARBONATE (CAS 1317-65-3)

CALCIUM OXIDE (LIME) (CAS 1305-78-8)  
CARBON BLACK (CAS 1333-86-4)  
Di(2-ethylhexyl)phthalate (CAS 117-81-7)  
QUARTZ (CAS 14808-60-7)  
STODDARD SOLVENT (CAS 8052-41-3)  
Toluene 2,6-diisocyanate (CAS 91-08-7)  
Toluene-2,4-diisocyanate (CAS 584-84-9)

**US. New Jersey Worker and Community Right-to-Know Act**

ANTHRACENE (CAS 120-12-7)	500 lbs
Di(2-ethylhexyl)phthalate (CAS 117-81-7)	500 lbs
Toluene 2,6-diisocyanate (CAS 91-08-7)	100 lbs
Toluene-2,4-diisocyanate (CAS 584-84-9)	500 lbs

**US. Rhode Island RTK**

ANTHRACENE (CAS 120-12-7)  
Di(2-ethylhexyl)phthalate (CAS 117-81-7)  
Toluene 2,6-diisocyanate (CAS 91-08-7)  
Toluene-2,4-diisocyanate (CAS 584-84-9)

**US. California Proposition 65**

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

**US - California Proposition 65 - CRT: Listed date/Carcinogenic substance**

CARBON BLACK (CAS 1333-86-4)	Listed: February 21, 2003
Di(2-ethylhexyl)phthalate (CAS 117-81-7)	Listed: January 1, 1988
QUARTZ (CAS 14808-60-7)	Listed: October 1, 1988

**US - California Proposition 65 - CRT: Listed date/Developmental toxin**

Di(2-ethylhexyl)phthalate (CAS 117-81-7)	Listed: October 24, 2003
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**US - California Proposition 65 - CRT: Listed date/Male reproductive toxin**

Di(2-ethylhexyl)phthalate (CAS 117-81-7)	Listed: October 24, 2003
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**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other information, including date of preparation or last revision**

<b>Issue date</b>	18-August-2014
<b>Revision date</b>	18-August-2014
<b>Version #</b>	07
<b>Further information</b>	This safety datasheet only contains information relating to safety and does not replace any product information or product specification.
<b>HMIS® ratings</b>	Health: 2* Flammability: 1 Physical hazard: 1
<b>NFPA ratings</b>	Health: 2 Flammability: 1 Instability: 1

## Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The manufacturer expressly does not make any representations, warranties, or guarantees as to its accuracy, reliability or completeness nor assumes any liability, for its use. It is the user's responsibility to verify the suitability and completeness of such information for each particular use.

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