SAFETY DATA SHEET

1. Identification

Product identifier	**M-2000 LIQUID FLASHING**
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	
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	Acute toxicity, inhalation	Category 2
	Sensitization, respiratory	Category 1
	Sensitization, skin	Category 1
	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	May be harmful if swallowed or in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Fatal if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Suspected of causing genetic defects. May cause cancer. May damage the unborn child. May damage fertility or the unborn child. May damage fertility or the unborn child. Causes damage to organs () through prolonged or repeated exposure. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.
Prevention	Keep out of reach of children. Read label before use. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Wear respiratory protection.
Response	If medical advice is needed, have product container or label at hand. Collect spillage. If swallowed: Call a poison center/doctor// if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If on skin: Wash with plenty of water/. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor/. Specific treatment is urgent (see on this label). If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
Storage	Store in a well-ventilated place. Keep container tightly closed. 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	72.68% of the mixture consists of component(s) of unknown acute inhalation toxicity. 60.78% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 59.9% 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
CARBON BLACK		1333-86-4	5 - < 10
ANTHRACENE		120-12-7	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

vPvB: very persistent and very bioaccumulative substance.
PBT: persistent, bioaccumulative and toxic substance.
*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret. #: This substance has been assigned Community workplace exposure limit(s).

Composition comments	The full text for all R-phrases is displayed in Section 16 of the SDS.

4. First-aid measures

Inhalation	In case of accident by inhalation: remove casualty to fresh air and keep at rest. 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. Call a physician or Poison Control Center immediately. Call a physician or poison control center immediately.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention immediately. For minor skin contact, avoid spreading material on unaffected skin. Wash clothing separately before reuse.
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 thoroughly. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Irritation of eyes and mucous membranes. May cause allergic skin reaction. May cause allergic respiratory reaction.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
General information	Take off contaminated clothing and shoes immediately. IF exposed or concerned: Get medical advice/attention. In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. 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	Do not use water jet as an extinguisher, as this will spread the fire.
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. Cool containers with flooding quantities of water until well after fire is out. Water runoff can cause environmental damage.
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. This product is not flammable.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Immediately evacuate personnel to safe areas. 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. Fully encapsulating, vapor protective clothing should be worn for spills and leaks with no fire. Do not breathe vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid inhalation of vapor, fumes, dust and/or mist from the spilled material. Ventilate closed spaces before entering them. 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. Large Spills: Stop the flow of material, if this is without risk. Use clean non-sparking tools to collect absorbed material. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Prevent product from entering drains. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid release to the environment. Refer to special instructions/safety data sheets. 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	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. Avoid exposure - obtain special instructions before use. Do not breathe vapor. Avoid contact with skin. Avoid contact with eyes. Avoid contact during pregnancy/while nursing. Avoid prolonged exposure. Avoid contact with clothing. Use only outdoors or in a well-ventilated area. 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. Wash thoroughly after handling. Avoid release to the environment. Do not empty into drains. Keep this product from heat, sparks, or open flame.
Conditions for safe storage, including any incompatibilities	Keep locked up. Keep in a dry, cool and well-ventilated place. Avoid exposure - obtain special instructions before use. Keep away from heat, sparks, and flame. Store in original tightly closed container. Use appropriate container to avoid environmental contamination. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Keep container closed when not in use. Keep this material away from food, drink and animal feed. Store away from incompatible materials (see Section 10 of the SDS). Keep away from food, drink and animal feedingstuffs.

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/m3	Respirable fraction.
		15 mg/m3	Total dust.
CARBON BLACK (CAS 1333-86-4)	PEL	3.5 mg/m3	
Di(2-ethylhexyl)phthalate (CAS 117-81-7)	PEL	5 mg/m3	
Toluene-2,4-diisocyanate (CAS 584-84-9)	Ceiling	0.14 mg/m3	
		0.02 ppm	

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

Components	Type	Value	Form
QUARTZ (CAS 14808-60-7)	TWA	0.3 mg/m3	Total dust.
		0.1 mg/m3	Respirable.
		2.4 millions of particle	Respirable.

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
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.
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	
	TWA	0.005 ppm	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
CALCIUM CARBONATE (CAS 1317-65-3)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Total
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.

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

Appropriate engineering controls Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection Avoid exposure - obtain special instructions before use. Wear eye/face protection. Face-shield. Wear a full-face respirator, if needed. Eye wash fountain is recommended.

Hand protection Avoid exposure - obtain special instructions before use. Wear appropriate chemical resistant gloves.

Other Avoid exposure - obtain special instructions before use. Avoid contact with the skin. Wear chemical protective equipment that is specifically recommended by the manufacturer.

Respiratory protection Avoid exposure - obtain special instructions before use. 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

Appearance Viscous.

Physical state Liquid.

Form Liquid.

Color Black to brown.

Odor	Solvent.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	7592 °F (4200 °C) estimated
Flash point	Not available.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	1.59 g/cm3 estimated
Flash point class	Combustible IIIB
Percent volatile	4 %
Specific gravity	1.59 estimated 1.09
VOC (Weight %)	0.8 % estimated 53 g/l

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Stable at normal conditions.
Possibility of hazardous reactions	Will not occur.
Conditions to avoid	Avoid high temperatures. Contact with incompatible materials.
Incompatible materials	Acids. Strong oxidizing agents. Fluorine. Strong acids, alkalies and oxidizing agents.
Hazardous decomposition products	Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

11. Toxicological information

Information on likely routes of exposure

Ingestion	May be harmful if swallowed.
Inhalation	Fatal if inhaled. May cause sensitization by inhalation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin contact	Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction.
Eye contact	Causes serious eye irritation.
Symptoms related to the physical, chemical and toxicological characteristics	Discomfort in the chest. Shortness of breath. Coughing. Edema. Irritant effects. Proteinuria.

Information on toxicological effects

Acute toxicity Fatal if inhaled. May be harmful if swallowed. May be harmful in contact with skin. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause allergic skin reaction.

Components	Species	Test Results
ANTHRACENE (CAS 120-12-7)		
Acute		
Dermal		
LD50	Rat	> 1320 mg/kg
		1320.0001 mg/kg
Oral		
LD50	Mouse	> 17 g/kg
	Rat	16000.0001 mg/kg
Other		
LD50	Mouse	430 mg/kg
CARBON BLACK (CAS 1333-86-4)		
Acute		
Oral		
LD50	Rat	> 8000 mg/kg
Di(2-ethylhexyl)phthalate (CAS 117-81-7)		
Acute		
Dermal		
LD50	Guinea pig	10 g/kg
	Rabbit	24500 mg/kg
Inhalation		
LC50	Rat	10.6201 mg/l/4h
Oral		
LD50	Guinea pig	26.3 g/kg
	Mouse	> 30 g/kg
	Rabbit	33.9 g/kg
	Rat	6860 mg/kg
Other		
LD50	Mouse	1060 mg/kg
	Rat	250 mg/kg
QUARTZ (CAS 14808-60-7)		
Acute		
Oral		
LD50	Rat	500 mg/kg
Residues, petroleum, steam-cracked (CAS 64742-90-1)		
Acute		
Dermal		
LD50	Rabbit	2000.0001 mg/kg
	Rat	2000.0001 mg/kg
Oral		
LD50	Rat	4320 mg/kg
Toluene 2,6-diisocyanate (CAS 91-08-7)		
Acute		
Dermal		
LD50	Rabbit	10000 mg/kg
Inhalation		
LC50	Rat	0.1 mg/l/4h
Oral		
LD50	Rat	3360 mg/kg

Components	Species	Test Results
Toluene-2,4-diisocyanate (CAS 584-84-9)		
Acute		
Inhalation		
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
Oral		
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 irritation.

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 Harmful in contact with skin. May cause an allergic skin reaction.

Germ cell mutagenicity Suspected of causing 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 Possible reproductive hazard. Potential embryo-fetal toxicity and teratogenicity. May damage fertility or the unborn child.

Specific target organ toxicity - single exposure Knowledge about health hazard is incomplete.

Specific target organ toxicity - repeated exposure .

Aspiration hazard Knowledge about health hazard is incomplete.

Chronic effects 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
ANTHRACENE (CAS 120-12-7)			
Crustacea	EC50	Daphnia	0.754 mg/L, 48 Hours
Fish	LC50	Fish	19.195 mg/L, 96 Hours
Aquatic			
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
Di(2-ethylhexyl)phthalate (CAS 117-81-7)			
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

Components		Species	Test Results
Aquatic			
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
Residues, petroleum, steam-cracked (CAS 64742-90-1)			
Fish	LC50	Fish	48 mg/L, 96 Hours
Toluene-2,4-diisocyanate (CAS 584-84-9)			
Aquatic			
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

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. Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities. Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. After recovery of solvent dispose of residue as hazardous waste. 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

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

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

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)
CARBON BLACK (CAS 1333-86-4)
Di(2-ethylhexyl)phthalate (CAS 117-81-7)
QUARTZ (CAS 14808-60-7)
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)
CARBON BLACK (CAS 1333-86-4)
Di(2-ethylhexyl)phthalate (CAS 117-81-7)
QUARTZ (CAS 14808-60-7)
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

US - California Proposition 65 - CRT: Listed date/Male reproductive toxin

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

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

Issue date 13-August-2014

Revision date 13-August-2014

Version # 10

Further information This safety datasheet only contains information relating to safety and does not replace any product information or product specification. HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings
Health: 2*
Flammability: 1
Physical hazard: 1

NFPA ratings
Health: 2
Flammability: 1
Instability: 1

References
ACGIH
EPA: AQUIRE database
NLM: Hazardous Substances Data Base
US. IARC Monographs on Occupational Exposures to Chemical Agents

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