

## 1. Identification

**Product identifier** ENVIROPRIMER SB

**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** Flammable liquids Category 2

**Health hazards** Acute toxicity, oral Category 4

Skin corrosion/irritation Category 2

Serious eye damage/eye irritation Category 2A

Reproductive toxicity (the unborn child) Category 2

Specific target organ toxicity, single exposure Category 3 narcotic effects

Specific target organ toxicity, repeated exposure Category 2

**Environmental hazards** Hazardous to the aquatic environment, acute hazard Category 2

Hazardous to the aquatic environment, long-term hazard Category 2

**OSHA defined hazards** Not classified.

#### Label elements

**Hazard symbol** None.

**Signal word** Not available.

**Hazard statement** Not available.

**Prevention** Not available.

**Response** Not available.

**Storage** Not available.

**Disposal** Not available.

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

**Supplemental information** None.

## 3. Composition/information on ingredients

### Mixtures

Chemical name	Common name and synonyms	CAS number	%
Toluene		108-88-3	40 - < 50
ACETONE		67-64-1	5 - < 10

**Composition comments** For the full text of the R phrases mentioned in this Section, see Section 15.

## 4. First-aid measures

<b>Inhalation</b>	Move to fresh air. If breathing is difficult, give oxygen. If the affected person is not breathing, apply artificial respiration. Get medical attention immediately. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Immediately flush skin with running water for at least 20 minutes. Remove and isolate contaminated clothing and shoes. Wash off with warm water and soap. Get medical attention if irritation develops or persists.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 20 minutes. Get medical attention if irritation develops or persists.
<b>Ingestion</b>	If swallowed, do NOT induce vomiting. Never give anything by mouth to a victim who is unconscious or is having convulsions. Call a physician or Poison Control Center immediately.
<b>Most important symptoms/effects, acute and delayed</b>	Not available.
<b>Indication of immediate medical attention and special treatment needed</b>	This product contains toluene and acetone.
<b>General information</b>	Remove from exposure, lie down.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Dry chemical, foam, carbon dioxide. Do not use water. Do not use a solid water stream as it may scatter and spread fire.
<b>Unsuitable extinguishing media</b>	Do not use a solid water stream as it may scatter and spread fire.
<b>Specific hazards arising from the chemical</b>	Not applicable.
<b>Special protective equipment and precautions for firefighters</b>	Firefighters should wear full protective gear. Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.
<b>Fire-fighting equipment/instructions</b>	Cool containers with flooding quantities of water until well after fire is out. Do not scatter spilled material with high pressure water streams.
<b>Specific methods</b>	In the event of fire and/or explosion do not breathe fumes. In the event of fire, cool tanks with water spray.
<b>General fire hazards</b>	Vapors are heavier than air and may travel along the ground to some distant source of ignition and flash back.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Ensure adequate ventilation. Do not touch or walk through spilled material. Keep unnecessary personnel away.
<b>Methods and materials for containment and cleaning up</b>	Prevent entry into waterways, sewers, basements or confined areas. Stop leak if you can do so without risk. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Use clean non-sparking tools to collect absorbed material. Dike far ahead of liquid spill for later disposal.
<b>Environmental precautions</b>	Prevent further leakage or spillage if safe to do so. Do not contaminate water. Runoff from fire control or dilution water may cause pollution.

## 7. Handling and storage

<b>Precautions for safe handling</b>	<p>Do not handle or store near an open flame, heat or other sources of ignition. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded.</p> <p>Vapors may form explosive mixtures with air. Vapors are heavier than air and may spread along floors.</p> <p>When using, do not eat, drink or smoke. Do not cut or weld on empty drums unless they are thoroughly cleaned.</p> <p>Do not get this material in your eyes, on your skin, or on your clothing. Wash hands after handling and before eating. Remove and wash contaminated clothing before re-use. Avoid prolonged or repeated skin contact with this material.</p>
<b>Conditions for safe storage, including any incompatibilities</b>	Keep out of the reach of children. Keep away from heat and sources of ignition. Keep containers tightly closed in a cool, well-ventilated place.

## 8. Exposure controls/personal protection

### Occupational exposure limits

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

Components	Type	Value
ACETONE (CAS 67-64-1)	PEL	2400 mg/m3 1000 ppm

#### US. OSHA Table Z-2 (29 CFR 1910.1000)

Components	Type	Value
Toluene (CAS 108-88-3)	Ceiling	300 ppm
	TWA	200 ppm

#### US. ACGIH Threshold Limit Values

Components	Type	Value
ACETONE (CAS 67-64-1)	STEL	750 ppm
	TWA	500 ppm
Toluene (CAS 108-88-3)	TWA	20 ppm

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

Components	Type	Value
ACETONE (CAS 67-64-1)	TWA	590 mg/m3 250 ppm
Toluene (CAS 108-88-3)	STEL	560 mg/m3 150 ppm
	TWA	375 mg/m3 100 ppm

### Biological limit values

#### ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
ACETONE (CAS 67-64-1)	50 mg/l	Acetone	Urine	*
Toluene (CAS 108-88-3)	0.3 mg/g	o-Cresol, with hydrolysis	Creatinine in urine	*
	0.03 mg/l	Toluene	Urine	*
	0.02 mg/l	Toluene	Blood	*

\* - For sampling details, please see the source document.

### Exposure guidelines

#### US - California OELs: Skin designation

Toluene (CAS 108-88-3) Can be absorbed through the skin.

#### US - Minnesota Haz Subs: Skin designation applies

Toluene (CAS 108-88-3) Skin designation applies.

**Appropriate engineering controls** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Explosion proof exhaust ventilation should be used.

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

**Eye/face protection** Wear chemical goggles.

**Hand protection** Protective gloves. Neoprene or nitrile rubber

**Other** Wear appropriate chemical resistant clothing. Wear appropriate chemical resistant gloves. The use of neoprene gloves is recommended.

**Respiratory protection** If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

**Thermal hazards** Not available.

**General hygiene considerations** When using, do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practice. Use protective skin cream before handling the product.

## 9. Physical and chemical properties

<b>Appearance</b>	Liquid.
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Blue.
<b>Odor</b>	Hydrocarbon-like.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.

<b>Melting point/freezing point</b>	-138.76 °F (-94.87 °C) estimated
<b>Initial boiling point and boiling range</b>	180 - 232 °F (82.22 - 111.11 °C)
	215.97 °F (102.21 °C) estimated
<b>Flash point</b>	-4.0 °F (-20.0 °C) Tag Closed Cup 42.3 °F (5.7 °C) estimated
<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>	> 1.2 % v/v 1.5 % estimated
<b>Flammability limit - upper (%)</b>	< 12.8 % v/v 7.9 % estimated
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	0.11 atm 79.52 hPa estimated
<b>Vapor density</b>	> air Estimated heavier than air
<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>	869 °F (465 °C) 891.85 °F (477.69 °C) estimated
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Density</b>	0.85 g/cm3 estimated 0.85 g/cm3 estimated
<b>Flammability class</b>	Flammable IB estimated
<b>Flash point class</b>	Flammable IB
<b>Percent volatile</b>	53 % 54.17 % estimated
<b>Specific gravity</b>	0.85 estimated 0.91 0.85 estimated
<b>VOC (Weight %)</b>	450 g/l 54.17 % estimated

## 10. Stability and reactivity

<b>Reactivity</b>	Not available.
<b>Chemical stability</b>	Stable at normal conditions. Risk of ignition.
<b>Possibility of hazardous reactions</b>	Will not occur.
<b>Conditions to avoid</b>	Heat, flames and sparks.
<b>Incompatible materials</b>	Acids. Strong oxidizing agents.
<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>	Not available.
<b>Inhalation</b>	Not available.
<b>Skin contact</b>	Not available.
<b>Eye contact</b>	Not available.

Symptoms related to the physical, chemical and toxicological characteristics

Not available.

#### Information on toxicological effects

##### Acute toxicity

Components	Species	Test Results
ACETONE (CAS 67-64-1)		
Acute		
Dermal		
LD50	Rabbit	20000 mg/kg
		20 ml/kg
Inhalation		
LC50	Rat	76 mg/l, 4 Hours
		50.1 mg/l, 8 Hours
Oral		
LD50	Mouse	3000 mg/kg
	Rabbit	5340 mg/kg
	Rat	5800 mg/kg
Other		
LD50	Mouse	1297 mg/kg
	Rat	5500 mg/kg
Toluene (CAS 108-88-3)		
Acute		
Dermal		
LD50	Rabbit	8390 mg/kg
		14.1 ml/kg
	Rat	12124 mg/kg
Inhalation		
LC50	Mouse	5320 mg/l, 8 Hours
		400 mg/l, 24 Hours
	Rat	26700 mg/l, 1 Hours
		12200 mg/l, 2 Hours
		8000 mg/l, 4 Hours
		12.5 mg/l/4h
Oral		
LD50	Rat	636 mg/kg
Other		
LD50	Mouse	59 mg/kg
	Rat	1332 mg/kg
Skin corrosion/irritation	Not available.	
Serious eye damage/eye irritation	Not available.	
Respiratory or skin sensitization		
Respiratory sensitization	Not available.	
Skin sensitization	Not available.	
Germ cell mutagenicity	Animal experiments showed mutagenic and teratogenic effects.	
Carcinogenicity		
IARC Monographs. Overall Evaluation of Carcinogenicity		
Toluene (CAS 108-88-3)	3 Not classifiable as to carcinogenicity to humans.	
Reproductive toxicity	Not available.	
Specific target organ toxicity - single exposure	Not available.	
Specific target organ toxicity - repeated exposure	Not available.	

<b>Aspiration hazard</b>	Not available.
<b>Chronic effects</b>	Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

## 12. Ecological information

**Ecotoxicity** Components of this product are hazardous to aquatic life.

Components		Species	Test Results
ACETONE (CAS 67-64-1)			
Crustacea	EC50	Daphnia	12600 mg/L, 48 Hours
Fish	LC50	Fish	5540 mg/L, 96 Hours
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Daphnia magna)	21.6 - 23.9 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	5490 - 7030 mg/l, 96 hours
Toluene (CAS 108-88-3)			
Crustacea	EC50	Daphnia	11.3 mg/L, 48 Hours
Fish	LC50	Fish	25 mg/L, 96 Hours
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Daphnia magna)	5.46 - 9.83 mg/l, 48 hours
Fish	LC50	Coho salmon, silver salmon (Oncorhynchus kisutch)	8.11 mg/l, 96 hours

**Persistence and degradability** Not available.

**Bioaccumulative potential** Not available.

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

ACETONE	-0.24
Toluene	2.73

**Mobility in soil** Not available.

**Other adverse effects** Not available.

## 13. Disposal considerations

**Disposal instructions** Dispose in accordance with all applicable regulations.

**Hazardous waste code** Not regulated.

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

ACETONE (CAS 67-64-1)	U002
Toluene (CAS 108-88-3)	U220

**Waste from residues / unused products** Not available.

**Contaminated packaging** Not available.

## 14. Transport information

**DOT**

<b>UN number</b>	UN1133
<b>UN proper shipping name</b>	Adhesives, containing a flammable liquid
<b>Transport hazard class(es)</b>	
Class	3
Subsidiary risk	-
Label(s)	3
<b>Packing group</b>	III
<b>Special precautions for user</b>	Not available.
<b>Special provisions</b>	B1, B52, IB3, T2, TP1
<b>Packaging exceptions</b>	150
<b>Packaging non bulk</b>	173
<b>Packaging bulk</b>	242

**IATA**

<b>UN number</b>	UN1133
<b>UN proper shipping name</b>	Adhesives, containing a flammable liquid
<b>Transport hazard class(es)</b>	
Class	3
Subsidiary risk	-
Label(s)	3

<b>Packing group</b>	III
<b>Environmental hazards</b>	No.
<b>Special precautions for user</b>	Not available.
<b>Other information</b>	
<b>Passenger and cargo aircraft</b>	Forbidden.
<b>Cargo aircraft only</b>	Forbidden.

#### IMDG

<b>UN number</b>	UN1133
<b>UN proper shipping name</b>	Adhesives, containing a flammable liquid
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	3
<b>Packing group</b>	III
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	No.
<b>EmS</b>	Not available.
<b>Special precautions for user</b>	Not available.
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not available.

#### DOT



#### IATA; IMDG



## 15. Regulatory information

**US federal regulations** OSHA Process Safety Standard: This material is not known to be hazardous by the OSHA Highly Hazardous Process Safety Standard, 29 CFR 1910.119.

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

ACETONE (CAS 67-64-1)	LISTED
Toluene (CAS 108-88-3)	LISTED

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

Not listed.

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

<b>Hazard categories</b>	Immediate Hazard - Yes
	Delayed Hazard - Yes
	Fire Hazard - Yes
	Pressure Hazard - No
	Reactivity Hazard - No

<b>SARA 302 Extremely hazardous substance</b>	Yes
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<b>SARA 311/312 Hazardous chemical</b>	Yes
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**SARA 313 (TRI reporting)**

Chemical name	CAS number	% by wt.
Toluene	108-88-3	40 - < 50

**Other federal regulations****Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Toluene (CAS 108-88-3)

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

Not regulated.

**Safe Drinking Water Act (SDWA)**

Not regulated.

**Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2))**

ACETONE (CAS 67-64-1)

Toluene (CAS 108-88-3)

**DEA Essential Chemical Code Number**

ACETONE (CAS 67-64-1)

6532

Toluene (CAS 108-88-3)

6594

**Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))**

ACETONE (CAS 67-64-1)

35 % weight/volumn

Toluene (CAS 108-88-3)

35 % weight/volumn

**DEA Exempt Chemical Mixtures Code Number**

ACETONE (CAS 67-64-1)

6532

Toluene (CAS 108-88-3)

594

**US state regulations**

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

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

ACETONE (CAS 67-64-1)

Toluene (CAS 108-88-3)

**US. Massachusetts RTK - Substance List**

ACETONE (CAS 67-64-1)

Toluene (CAS 108-88-3)

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

Toluene (CAS 108-88-3)

500 lbs

**US. Rhode Island RTK**

ACETONE (CAS 67-64-1)

Toluene (CAS 108-88-3)

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

Toluene (CAS 108-88-3)

Listed: January 1, 1991

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

Toluene (CAS 108-88-3)

Listed: August 7, 2009

**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
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)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
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	02-May-2014
Revision date	02-May-2014
Version #	12
Further information	This safety datasheet only contains information relating to safety and does not replace any product information or product specification.
NFPA ratings	

**3**

**2**

**0**

### 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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### Revision Information

Transport Information: Proper Shipping Name/Packing Group