



## 1. Product and Company Identification

**Product Code:** BV-EPA  
**Product Name:** Vers-E-Prime Activator  
**Company Name:** Crest Industries, Inc.  
1337 King Road  
Trenton, MI 48183  
**Phone Number:** (734)479-4141

**Web site address:** crestauto.com  
**Emergency Contact:** Chemtel (800)255-3924  
International Calls (813)248-0585

**Stock Number(s):** BV-EPA

## 2. Hazards Identification

**Flammable Liquids, Category 2**  
**Carcinogenicity, Category 2**  
**Skin Corrosion/Irritation, Category 2**  
**Serious Eye Damage/Eye Irritation, Category 2**  
**Toxic To Reproduction, Category 1A**  
**Specific Target Organ Toxicity (single exposure), Category 2**  
**Specific Target Organ Toxicity (repeated exposure), Category 2**  
**Aspiration Toxicity, Category 1**



**GHS Signal Word:** **Danger**

**GHS Hazard Phrases:** H225 - Highly flammable liquid and vapor.  
H304 - May be fatal if swallowed and enters airways.  
H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.  
H351 - Suspected of causing cancer .  
H360 - May damage fertility or the unborn child .  
H371 - May cause damage to organs .

**GHS Precaution Phrases:** P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P233 - Keep container tightly closed.  
P240 - Ground/bond container and receiving equipment.  
P241 - Use explosion-proof electrical/ventilating/lighting/.../ equipment.  
P242 - Use only non-sparking tools.  
P243 - Take precautionary measures against static discharge.  
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.  
P264 - Wash hands thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection/respiratory protection.

**GHS Response Phrases:** P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P331 - Do NOT induce vomiting.  
P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



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P308+313 - IF exposed or concerned: Get medical attention/advice.  
 P332+313 - If skin irritation occurs, get medical advice/attention.  
 P337+313 - If eye irritation persists, get medical advice/attention.  
 P363 - Wash contaminated clothing before reuse.  
 P370+378 - In case of fire, use carbon dioxide, dry chemical powder, or appropriate foam to extinguish.

### GHS Storage and Disposal Phrases:

P403+235 - Store in cool/well-ventilated place.  
 P405 - Store locked up.  
 P501 - Dispose of contents/container to an approved treatment/storage/disposal facility in accordance with local/regional/national and international regulations.

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
67-63-0	Isopropyl alcohol	30.00 - 40.00 %
1330-20-7	Xylene (mixed isomers)	20.00 - 30.00 %
108-88-3	Toluene	5.000 - 10.00 %
100-41-4	Ethylbenzene	5.000 - 10.00 %
NA	Polyamide Resin	20.00 - 30.00 %
103-83-3	N,N-Dimethylbenzylamine	1.000 %

### 4. First Aid Measures

#### Emergency and First Aid Procedures:

**In Case of Inhalation:** Remove from exposure and move to fresh air immediately. If breathing becomes difficult, call a physician.

**In Case of Skin Contact:** Remove contaminated clothing and shoes. Wash off with soap and plenty of water. Wash clothing before reuse. Get medical aid if irritation develops and persists.

**In Case of Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

**In Case of Ingestion:** If swallowed, do not induce vomiting unless directed to do so by medical personnel. Immediately call a POISON CENTER or doctor/physician. Never give anything by mouth to an unconscious person. Rinse mouth with water.

**Note to Physician:** Treat symptomatically and supportively. Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

### 5. Fire Fighting Measures

**Flash Pt:** 39.0 F (3.9 C)    Method Used: Setaflash Closed Cup (Rapid Setaflash)

**Explosive Limits:** LEL: .9                      UEL: 12.7

**Autoignition Pt:** 399 C (750 F)

**Suitable Extinguishing Media:** Water may be ineffective. Use dry chemical, carbon dioxide, or appropriate foam.

**Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Vapors may form explosive mixtures with air. Containers may explode in the heat of a fire. Liquid will float and may reignite on the surface of water. May accumulate static electrical charges, and may cause ignition of its own vapors. Vapors are heavier than air and may travel to a source of ignition and flash back.

#### Flammable Properties and Hazards:



**Hazardous Combustion**

**Products:**

**6. Accidental Release Measures**

**Steps To Be Taken In Case Material Is Released Or Spilled:**

Use proper personal protective equipment as indicated in Section 8.  
 Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Remove all sources of ignition. Use a spark-proof tool. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.  
 Do not let product enter drains.

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal. Avoid runoff into storm sewers and ditches which lead to waterways. Use water spray to disperse the gas/vapor.

**7. Handling and Storage**

**Precautions To Be Taken in Handling:**

Wash thoroughly after handling. Use spark-proof tools and explosion proof equipment. Avoid contact with eyes, skin, and clothing. Keep away from heat, sparks and flame. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Remove contaminated clothing and wash before reuse. Keep container tightly closed.

**Precautions To Be Taken in Storing:**

Keep away from sources of ignition. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Moisture sensitive.

**8. Exposure Controls/Personal Protection**

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
67-63-0	Isopropyl alcohol	PEL: 400 ppm	TLV: 200 ppm STEL: 400 ppm	
1330-20-7	Xylene (mixed isomers)	PEL: 100 ppm	TLV: 100 ppm STEL: 150 ppm	
108-88-3	Toluene	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	TLV: 20 ppm	
100-41-4	Ethylbenzene	PEL: 100 ppm	TLV: 20 ppm STEL: 125 ppm	
NA	Polyamide Resin			
103-83-3	N,N-Dimethylbenzylamine			



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<b>Respiratory Equipment (Specify Type):</b>	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
<b>Eye Protection:</b>	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
<b>Protective Gloves:</b>	Wear appropriate protective gloves to prevent skin exposure. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
<b>Other Protective Clothing:</b>	Wear appropriate protective clothing to prevent skin exposure.
<b>Engineering Controls (Ventilation etc.):</b>	Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
<b>Work/Hygienic/Maintenance Practices:</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### 9. Physical and Chemical Properties

<b>Physical States:</b>	<input type="checkbox"/> Gas <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Solid
<b>Appearance and Odor:</b>	Amber. solvent odor.
<b>pH:</b>	
<b>Melting Point:</b>	NA
<b>Boiling Point:</b>	83.0 C (181 F)
<b>Flash Pt:</b>	39.0 F (3.9 C)    Method Used:    Setaflash Closed Cup (Rapid Setaflash)
<b>Evaporation Rate:</b>	
<b>Flammability (solid, gas):</b>	
<b>Explosive Limits:</b>	LEL: .9                      UEL: 12.7
<b>Vapor Pressure (vs. Air or mm Hg):</b>	20.8
<b>Vapor Density (vs. Air = 1):</b>	
<b>Specific Gravity (Water = 1):</b>	
<b>Density:</b>	7.15 LB/GA
<b>Solubility in Water:</b>	
<b>Octanol/Water Partition Coefficient:</b>	
<b>Percent Volatile:</b>	77.5 %
<b>VOC / Volume:</b>	5.54 LB/GA
<b>Autoignition Pt:</b>	399 C (750 F)
<b>Decomposition Temperature:</b>	
<b>Viscosity:</b>	



## 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability:** Incompatible materials, ignition sources, Excess heat, Strong oxidants, electrical sparks.

**Incompatibility - Materials To Avoid:** Strong oxidizing agents, Strong acids, Bases, Water.

**Hazardous Decomposition or Byproducts:** Carbon monoxide, irritating and toxic fumes and gases, formed under fire conditions.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Reactions:**

## 11. Toxicological Information

### Toxicological Information:

**Carcinogenicity/Other Information:** CAS# 110-43-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65. Carcinogenicity. IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. CAS# 123-86-4: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
67-63-0	Isopropyl alcohol	n.a.	3	A4	n.a.
1330-20-7	Xylene (mixed isomers)	n.a.	3	A4	n.a.
108-88-3	Toluene	n.a.	3	A4	n.a.
100-41-4	Ethylbenzene	n.a.	2B	A3	n.a.
NA	Polyamide Resin	n.a.	n.a.	n.a.	n.a.
103-83-3	N,N-Dimethylbenzylamine	n.a.	n.a.	n.a.	n.a.

## 12. Ecological Information

**Persistence and Degradability:** No data available.

## 13. Disposal Considerations

**Waste Disposal Method:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. RCRA P-Series: None listed. RCRA U-Series: None listed. Product. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.



## 14. Transport Information

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Limited Quantity.

**DOT Hazard Class:**

**UN/NA Number:**

**LAND TRANSPORT (Canadian TDG):**

**TDG Shipping Name:** No information available. BUTYL ACETATES.

**UN Number:**

**Hazard Class:**

**TDG Classification:**

**MARINE TRANSPORT (IMDG/IMO):**

**IMDG/IMO Shipping Name:** Paint [including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base]

**UN Number:** 1263

**Packing Group:** II

**Hazard Class:** 3 - FLAMMABLE LIQUID

**IMDG MFAG Number:**

**IMDG EMS Page:**

**AIR TRANSPORT (ICAO/IATA):**

**ICAO/IATA Shipping Name:** Paint [including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base]

**UN Number:** 1263

**Packing Group:** II

**Hazard Class:** 3 - FLAMMABLE LIQUID

## 15. Regulatory Information

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
67-63-0	Isopropyl alcohol	No	No	Yes
1330-20-7	Xylene (mixed isomers)	No	Yes 100 LB	Yes
108-88-3	Toluene	No	Yes 1000 LB	Yes
100-41-4	Ethylbenzene	No	Yes 1000 LB	Yes
NA	Polyamide Resin	No	No	No
103-83-3	N,N-Dimethylbenzylamine	No	No	No

**This material meets the EPA**  Yes  No **Acute (immediate) Health Hazard**  
**'Hazard Categories' defined**  Yes  No **Chronic (delayed) Health Hazard**  
**for SARA Title III Sections**  Yes  No **Fire Hazard**  
**311/312 as indicated:**  Yes  No **Sudden Release of Pressure Hazard**  
 Yes  No **Reactive Hazard**

CAS #	Hazardous Components (Chemical Name)	Canadian NPRI	Canadian IDL	Canadian DSL
67-63-0	Isopropyl alcohol	Yes	Yes	Yes
1330-20-7	Xylene (mixed isomers)	Yes	No	Yes
108-88-3	Toluene	Yes	Yes	Yes
100-41-4	Ethylbenzene	Yes	Yes	Yes
NA	Polyamide Resin	No	No	No
103-83-3	N,N-Dimethylbenzylamine	No	Yes	Yes

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
67-63-0	Isopropyl alcohol	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 1076; NY Part 597: No; PA HSL: Yes - E; SC TAP: No; WI Air: No



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Revision: 09/18/2014

1330-20-7	Xylene (mixed isomers)	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: CMR, Part 5; NC TAP: Yes; NJ EHS: Yes - 2014; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes
108-88-3	Toluene	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory, 8A CAIR; CA PROP.65: Yes; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: CMR, Part 5; NC TAP: Yes; NJ EHS: Yes - 1866; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes
100-41-4	Ethylbenzene	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory, 4 Test; CA PROP.65: Yes; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: Yes; NJ EHS: Yes - 0851; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes
NA	Polyamide Resin	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
103-83-3	N,N-Dimethylbenzylamine	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No

**CAS # Hazardous Components (Chemical Name)****International Regulatory Lists**

67-63-0	Isopropyl alcohol
1330-20-7	Xylene (mixed isomers)
108-88-3	Toluene
100-41-4	Ethylbenzene
NA	Polyamide Resin
103-83-3	N,N-Dimethylbenzylamine

**Canadian WHMIS Classification:**

CLASS B, DIVISION 2: Flammable Liquids

CLASS D, DIVISION 2, SUBDIVISION B: Toxic Materials (Mutagenicity, skin sensitization, irritation, etc.)

### 16. Other Information

Revision Date: 09/18/2014

**Additional Information About****This Product:****Company Policy or****Disclaimer:**

The information contained in this SDS is believed to be accurate and reliable as of the date indicated. Crest Industries, Inc. assumes no legal responsibility and makes no representation, warranty or guarantee, expressed or implied, as to the completeness or accuracy of the information. It is offered solely for your consideration, investigation and verification. The user is ultimately responsible for the safe use of the material in accordance with applicable federal, state, provincial and local laws and regulations.