

SMOKE BOMB, 1 DOZEN

Product: HB843
Revision Date: 2010/05/20

Section 1: PRODUCT INFORMATION

Chemical family: Not available.

Product uses: Industrial material.

Product name: Safe-Vue Colored Smoke Candles

Manufacturer: E. Vernon Incorporated
643 Martin Ave.
Suite 3
Rohnert Park
CA 94928
Tel: 707-584-9384.

Manufacturer emergency phone number: Chemtrec 800-424-9300.

Supplier: Same as manufacturer.

TDG classification: Not regulated.

WHMIS classification: Not controlled.

DSL status: Not available.

Supplier MSDS date: 2010/05/20

Section 2: HAZARDOUS INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	TLV	LD50	LC50
	*	HYDRATED ZINC CHLORIDE	1 MG/M3	NOT AVAILABLE	NOT AVAILABLE
	*	CARBON MONOXIDE	55 MG/M3	NOT AVAILABLE	NOT AVAILABLE

Section 2A: ADDITIONAL INGREDIENT INFORMATION

*: Percentage by weight not reported.

Section 3: PHYSICAL DATA

Physical state: Solid

Appearance & odor: Grey to white.
Burning paper odour.

Odor threshold (ppm): Not available.

Vapour pressure (mmHg): Not applicable.

Vapour density (air=1): Not applicable.

Volatiles (%)

By volume: Not available.

Evaporation rate (butyl acetate = 1): Not available.

Boiling point (°C): Not applicable.
Freezing point (°C): Not available.
pH: Not available.
Specific gravity @ 20 °C: Not available.
Solubility in water (%): Soluble.
(@ 20°C).
Coefficient of water\oil dist.: Not available.
VOC: Not available.

Section 4: FIRE & EXPLOSION DATA

Flammability: Not flammable.
Conditions of flammability: Surrounding fire.
Extinguishing media: Use appropriate extinguishing media for surrounding fire.
Special procedures: Self-contained breathing apparatus required.
Firefighters should wear the usual protective gear.
Auto-ignition temperature (°C): Not applicable.
Flash point (°C), method: Not applicable.
Lower flammability limit (% vol): Not applicable.
Upper flammability limit (% vol): Not applicable.
Explosion Data
Sensitivity to static discharge: Not available.
Sensitivity to mechanical impact: Not available.
Hazardous combustion products: Not available.
Explosive power: None known.

Section 5: REACTIVITY DATA

Chemical stability: Stable under normal conditions.
Conditions of instability: Not available.
Hazardous polymerization: None known.
Incompatible substances: Not available.
Hazardous decomposition products: Not available.

Section 6: TOXICOLOGICAL PROPERTIES

Route of entry: Skin contact, eye contact, inhalation and ingestion.
Skin absorption.
Effects of acute exposure
Eye contact: Not a likely route of exposure.

Skin contact: No adverse effects expected.

Skin absorption: Not absorbed through the skin.

Inhalation: May cause pulmonary edema.
May cause chills and fever.
May cause coughing and throat irritation.
Severe irritation of mucous membranes.
May cause severe respiratory tract irritation.

Ingestion: Not a likely route of exposure.

Effects of chronic exposure: See effects of acute exposure.

LD50 of product, species & route: Not available.

LC50 of product, species & route: Not available.

Exposure limit of material: Not available for mixture, see the ingredients section.

Sensitization to product: Not available.

Carcinogenic effects: Not available.

Reproductive effects: Not available.

Teratogenicity: Not available.

Mutagenicity: Not available.

Synergistic materials: Not available.

Section 7: PREVENTATIVE MEASURES

Precautionary Measures

Gloves/Type: Wear appropriate gloves.

Respiratory/Type: Wear a self-contained breathing apparatus.
NIOSH approved.

Eye/Type: Safety glasses.

Footwear/Type: Safety shoes per local regulations.

Clothing/Type: Wear adequate protective clothes.
Full suit.

Other/Type: Eye wash facility should be in close proximity.
Emergency shower should be in close proximity.

Ventilation requirements: Local exhaust and/or general ventilation.

Leak/Spill: Ventilate area.
Wear appropriate protective equipment.
Sweep up or shovel into appropriate containers.

Waste disposal: Dispose of all waste in accordance with Local, State, and Federal regulations.

Handling procedures and equipment: This product must be manipulated by qualified personnel.
Use adequate ventilation.
Wash thoroughly after using, particularly before eating or smoking.
Wear personal protective equipment appropriate to task.
Keep out of reach of children.
Avoid breathing dust or mist.
Avoid contact with skin, eyes and clothing.
Keep away from food and food products.
Launder contaminated clothing prior to reuse.

Storage requirements: Store in a cool and dry place.
Store away from food.

TDG classification: Not regulated.

Special shipping information: See transportation information.

Section 8: FIRST AID MEASURES

Skin contact: No first aid should be needed.
Seek medical attention if irritation persists.

Eye contact: No first aid should be needed.
Consult a physician if irritation persists.

Inhalation: Remove victim to fresh air.
Seek medical attention if symptoms persist.

Ingestion: Not considered a potential route of exposure.
If irritation occurs, consult a physician.

Additional information: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

Section 9: ADDITIONAL INFORMATION

General note: This material safety data sheet was prepared from information obtained from various sources, including product suppliers and the Canadian Center for Occupational Health and Safety.

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