

Safety Data Sheet

Color Change Blue - Sol. "A"

Section 1. Identification

Product Identifier Color Change Blue - Sol. "A"
Synonyms N/A
Manufacturer Stock Numbers N/A

Recommended use Product is intended for professional Special Effects use only.
Uses advised against Use of this material is at the sole risk of the purchaser.

Manufacturer Contact
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Van Nuys, CA, 91411
USA

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Section 2. Hazards Identification

Classification ACUTE TOXICITY - DERMAL - Category 3
ACUTE TOXICITY - INHALATION - Category 3
ACUTE TOXICITY - ORAL - Category 3
FLAMMABLE LIQUIDS - Category 2
SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 1

Signal Word Danger

Pictogram



Hazard Statements Causes damage to organs.
Highly flammable liquid and vapor
Toxic if inhaled
Toxic if swallowed
Toxic in contact with skin

Precautionary Statements

Response Call a poison center or doctor.
If exposed: Call a poison center or doctor.

Prevention	<p>If inhaled: Remove person to fresh air and keep comfortable for breathing. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If on skin: Wash with plenty of soap and water. If swallowed: Immediately call a poison center/doctor. In case of fire: Use dry chemical powder to extinguish. Rinse mouth. Take off immediately all contaminated clothing and wash it before reuse.</p> <p>Do not breathe dust/fume/gas/mist/ vapors/spray. Do not eat, drink or smoke when using this product. Ground/bond container and receiving equipment. Keep away from heat/sparks/open flames/hot surfaces. - No smoking Keep container tightly closed. Keep cool Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Wash hands thoroughly after handling. Wear protective gloves/eye protection/rotective clothing/face protection.</p>
Storage	<p>Store in a well-ventilated place. Keep container tightly closed. Store locked up.</p>
Disposal	<p>Dispose of contents/container to local, state and federal regulations.</p>
Ingredients of unknown toxicity	<p>0%</p>
Hazards not Otherwise Classified	
Additional Information	<p>Vapor harmful. May cause dizziness, headache, watering of eyes, irritation of respiratory tract, irritation to the eyes, drowsiness, nausea, other central nervous system effects, spotted or blurry vision dilation of pupils, and convulsions.</p>

Section 3. Ingredients

CAS	Ingredient Name	Weight %
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Occupational exposure limits, if available, are listed in Section 8.
 This Product contains one or more ingredients where the specific chemical identity and exact percentage of composition has been withheld as a trade secret

Section 4. First-Aid Measures

Skin	<p>Immediately begin washing the skin thoroughly with large amounts of water and mild soap, if available, while removing contaminated clothing. Seek medical attention if irritation persists.</p>
Eye	<p>Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.</p>
Inhalation	<p>Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.</p>
Ingestion	<p>If swallowed, do NOT induce vomiting. Seek immediate medical attention. Call a physician, hospital emergency room, or poison control center immediately.</p>

Notes to physician

Never give anything by mouth to an unconscious person.

Poison. This product contains methanol. Methanol is metabolized to formaldehyde and formic acid. These metabolites may cause metabolic acidosis, visual disturbances and blindness. Since metabolism is required for these toxic symptoms, their onset may be delayed from 6 to 30 hours following ingestion. Ethanol competes for the same metabolic pathway and has been used as an antidote. Methanol is effectively removed by hemodialysis. Call your local poison control center for further instructions.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media

Use carbon dioxide, dry powder, or alcohol resistant foam.

Unsuitable Extinguishing Media

Water may be ineffective. Solid streams of water will likely spread the fire.

Advice for Fire Fighters

Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined area. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up. Stay away from heads of containers that have been exposed to intense heat or flame.

Fire fighting instructions

Vapors may be heavier than air. They can spread along the ground and collect in low of confined areas. Ignition or flashback may occur. Vapors may cause flash fire or ignite explosively.

Additional Information

OSHA Class IB

Section 6. Accidental Release Measures

General Information Clean-up

Vapors are heavier than air. Vapors may cause flash fire or ignite explosively. Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Shut off ignition sources; keep flares, smoking or flames out of hazard area. Use non-sparking tools. Use proper bonding and grounding methods for all equipment and processes. Keep out of waterways and bodies of water. Be cautious of vapors collecting in small enclosed spaces, sewers, low lying areas, confined spaces, etc.

Small Spills

Take up with sand, earth or other noncombustible absorbent material and place in a plastic container where applicable.

Large Spills

Dike far ahead of spill for later disposal.

Section 7. Handling and Storage

Handling

No smoking, open flames, or sources of ignition in handling and storage area. Do not use in small enclosed spaces, such as basements and bathrooms where vapors can accumulate. Vapors can accumulate and explode if ignited. Ensure adequate ventilation. Do not spread this product over large surface areas because fire and health safety risks will increase dramatically. Wash hands thoroughly after use and before eating, drinking, smoking, or using the restroom. Do not eat, drink, or smoke in the work area. Ground and bond containers when transferring material.

Precautions

Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty container according to all regulations. Do not reuse this container

Storage

Take measures to prevent the build up of electrostatic charge. Keep container

tightly closed and sealed until ready for use. Store in a cool dry place. Do not store near any source of heat or open flame, furnace areas, pilot lights, stoves, etc.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
Personal Protective Equipment Eyes Respirators	Goggles, Gloves, Apron, Respirator			
	Chemical splash goggles should be worn to prevent eye contact.			
	For use in areas with inadequate ventilation or fresh air, wear a properly maintained and properly fitted NIOSH approved respirator for organic solvent vapors. For OSHA controlled work places and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding the appropriate TLV. A dust mask does not provide protection against vapors.			
Skin Protection	Wear gloves with as much resistance to the chemical ingredients as possible. Glove materials such as nitrile, natural rubber, and neoprene will provide protection. Glove selection should be based on chemicals being used and conditions of use. Consult your glove supplier for additional information. Gloves contaminated with product should be discarded and not reused.			
Clothing	Various application methods can dictate the use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure. Discard any clothing or other protective equipment that cannot be decontaminated.			
Engineering controls	Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Whenever possible, use outdoors in an open air area. If using indoors open all windows and doors and maintain a cross ventilation of moving fresh air across the work area. Do not use in small enclosed spaces, such as basements and bathrooms where vapors can accumulate. Vapors can accumulate and explode if ignited. If strong odor is noticed or you experience slight dizziness, headache, nausea or eye-watering -- STOP -- ventilation is inadequate. Leave area immediately and move to fresh air. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.			

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Water white
Odor	alcohol odor
Odor Threshold	N/A
Solubility	N/A
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	0.8967
Density lbs/Gal	6.646
Pounds per Cubic Foot	N/A
Flash Point	45 F
FP Method	Closed Cup
Ph	N/A
Melting Point	N/A

Boiling Point	147 F
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	>1
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	76 MM HG @ 68 F
Vapor Density	>1

Additional Information VOC/Volume: 793.0 G/L

Section 10. Stability and Reactivity

Stability	Stable under prescribed storage conditions.
Incompatibilities	Incompatible with strong oxidizing agents, strong acids, reactive metals, halogens, strong inorganic acids, and aldehydes.
Hazardous Decomposition	Decomposition products may include but are not limited to: oxides of carbon when heated to decomposition.

Section 11. Toxicological Information

General	This product has not been tested as a whole
OSHA Regulatory Status	This material is classified as hazardous under OSHA regulations.
Eye	May cause eye irritation.
Skin	May cause irritation, drying of skin, redness, and dermatitis. May cause symptoms listed under inhalation. May be absorbed through skin.
Inhalation	Vapor harmful. May cause dizziness, headache, watering of eyes, irritation of respiratory tract, irritation to the eyes, drowsiness, nausea, other central nervous system effects, spotted or blurry vision, dilation of pupils, and convulsions.
Chronic Exposure Effects	May cause symptoms listed under inhalation, dizziness, fatigue, tremors, permanent central nervous system changes, blindness, pancreatic damage, and death.
Aggravated by Exposure	Diseases of the liver, skin, lung, kidney, central nervous system, pancreas, and heart; asthma, inflammatory or fibrotic pulmonary disease; any preexisting condition sensitive to a decrease in available oxygen, such as chronic lung disease, coronary artery disease, or anemias.
Carcinogenicity	IARC 1 - Carcinogenic to Humans IARC 2B - Possibly Carcinogenic to Humans ACGIH A4 - Not Classifiable as a Human Carcinogen. IARC has determined that the consumption is casually related to the occurrence of malignant tumors of the oral cavity, pharynx, larynx, esophagus, and liver in humans. The carcinogenic response attributed to drinking alcoholic beverages has not been verified in studies with laboratory animals. Established uses of denatured ethanol and non-beverage use of pure ethanol are not considered to pose any significant cancer hazard.

Section 12. Ecological Information

Precautionary Measures Do not empty into drains.
Additional Information This product has not been tested as a whole.

Section 13. Disposal

Compliance ALL DISPOSAL MUST BE IN ACCORDANCE WITH ALL FEDERAL, STATE, PROVINCIAL, AND LOCAL REGULATIONS. IF IN DOUBT, CONTACT PROPER AGENCIES. EPA CHARACTERISTIC: D001

Section 14. Transport Information

UN Number 1987
UN Proper Shipping Name Alcohols, n.o.s. (Ethyl Alcohol, Methanol)
DOT Classification 3 Flammable liquid
Packing Group II
Additional Information The shipper / supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

Section 15. Regulatory Information

California Prop 65 WARNING: This product contains chemical(s) known to the State of California to cause cancer.
SARA 311/312 Hazards Fire hazard, acute hazard, chronic health hazard.

Section 16. Other Information

Revision Date 10/6/2015
Company Policy/Disclaimer The information contained herein is presented in good faith and believed to be accurate as of the effective date shown below. The supplier nor any of its subsidiaries makes no representations as to its accuracy or sufficiency. This information is furnished without warranty of any kind. Conditions of use are beyond Roger George Rentals' control and therefore users must determine whether the product is suitable for their particular purposes and they assume all risk of their use, handling and disposal of the product, or from the publications or use of, or reliance upon information contained herein. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process in which user assumes all responsibility.