



Safety Data Sheet

SpectraSmoke Cookie

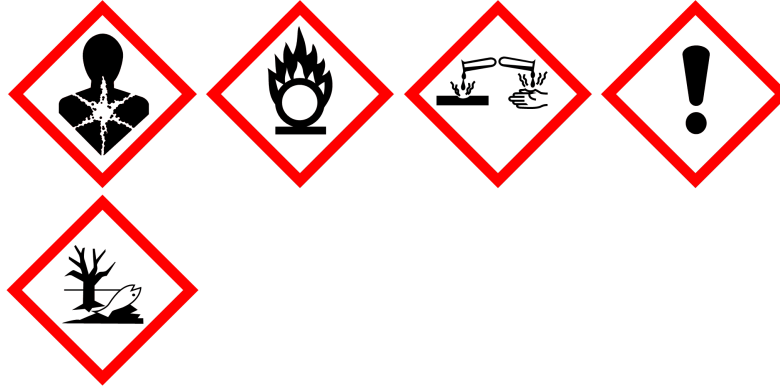
Section 1. Identification

Product Identifier	SpectraSmoke Cookie		
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			
Address	Roger George Rentals 14525 Bessemer St Van Nuys, CA, 91411 USA		
	Phone	Emergency Phone	Fax
	(818) 994-3049	(800) 535-5053 #85740	(818) 994-9432

Section 2. Hazards Identification

Classification	ACUTE TOXICITY - INHALATION - Category 4 ACUTE TOXICITY - ORAL - Category 4 EYE DAMAGE/IRRITATION - Category 1 HAZARDOUS TO THE AQUATIC ENVIRONMENT - ACUTE HAZARD - Category 2 HAZARDOUS TO THE AQUATIC ENVIRONMENT - ACUTE HAZARD - Category 3 HAZARDOUS TO THE AQUATIC ENVIRONMENT - LONG-TERM HAZARD - Category 2 OXIDIZING SOLIDS - Category 1 SKIN CORROSION/IRRITATION - Category 1B SPECIFIC TARGET ORGAN TOXICITY (Repeated Exposure) - Category 1 SPECIFIC TARGET ORGAN TOXICITY (Repeated Exposure) - Category 2
Signal Word	Danger

Pictogram



Hazard Statements

Causes damage to organs lungs through prolonged or repeated exposure inhalation
Causes serious eye damage
Causes severe skin burns and eye damage
Harmful if inhaled
Harmful if swallowed
Harmful to aquatic life
Harmful to aquatic life
May cause damage to organs central nervous system through prolonged or repeated exposure oral
May cause fire or explosion; strong oxidizer
Toxic to aquatic life with long lasting effects
Toxic to aquatic life

Precautionary Statements

Response

Call a poison center/doctor if you feel unwell.
Collect spillage
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If on clothing: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
If swallowed: Call a poison center/doctor if you feel unwell.
If swallowed: Rinse mouth. Do NOT induce vomiting.
In case of fire: Usedry sand, dry chemical, or alcohol-resistant foam to extinguish.
In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
Rinse mouth.
Wash contaminated clothing before reuse.

Prevention

Avoid breathing dust/fume/gas/mist/ vapors/spray.
Avoid release to the environment
Do not breathe dust/fume/gas/mist/ vapors/spray.
Do not eat, drink or smoke when using this product.
Keep away from heat.
Keep/Store away from clothing and other combustible materials.
Take any precaution to avoid mixing with combustibles.
Use only outdoors or in a well-ventilated area.
Wash skin thoroughly after handling.
Wear fire/flame resistant/retardant clothing.
Wear protective gloves/protective clothing/eye protection/face protection.

Storage

Store locked up.

Disposal

Dispose of contents/container to a licensed disposal company.

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

Additional Information Component reacts violently with water.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
	Colorant	0.99% - Max
144-55-8	Carbonic acid monosodium salt	20% - Max
3811-04-9	Chloric acid, potassium salt	30% - Max
57-50-1	.alpha.-D-Glucopyranoside, .beta.-D-fructofuranosyl	30% - Max
7446-70-0	Aluminum chloride (AlCl ₃)	50% - Max

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

General Advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Skin	Immediately wash skin with plenty of soap and water while removing contaminated clothing and shoes. Consult a physician.
Eye	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.
Ingestion	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
General	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Carbon Dioxide, Extinguishing Powder or Water Spray. Fight larger fires with water spray. Large Fires: Water spray or alcohol resistant foam.
Unsuitable Extinguishing Media	N/A
Flammable Properties	Hazardous combustion products may include hydrogen chloride gas, aluminum oxide, potassium oxides.
Fire fighting instructions	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use water spray to cool unopened containers.

Section 6. Accidental Release Measures

Clean-up	For personal protection see section 8. Sweep up and shovel. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations. Keep in
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General Information	suitable, closed containers for disposal. Use proper personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
Precautionary Measures	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Section 7. Handling and Storage

Precautionary Measures	Handle and open container with care.
Conditions to Avoid	Mixtures are easily ignited by friction or heat.
Handling	Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed. Keep away from sources of ignition - No smoking. Keep container tightly closed in a dry and well-ventilated area.
Storage	Keep under dry inert gas. Storage class (TRGS 510): Non-combustible, acute toxic Cat. 3 / toxic hazardous materials or hazardous materials causing chronic effects.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Colorant	N/A	N/A	N/A
	Carbonic acid monosodium salt	N/A	N/A	N/A
	Chloric acid, potassium salt	N/A	N/A	N/A
	.alpha.-D-Glucopyranoside, .beta.-D-fructofuranosyl	10 mg/m3	15 mg/m3	N/A
	Aluminum chloride (AlCl3)	2 mg/m3	N/A	N/A
Personal Protective Equipment	Goggles, Gloves, Apron, Respirator			
Eyes	Safety glasses, goggles or face shields are recommended to safeguard against potential eye contact, irritation, or injury.			
Hand Protection	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.			
Body Protection	Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.			
Respirators	Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).			
Environmental Precautions	Avoid discharge into drains, water courses or onto the ground.			

Section 9. Physical and Chemical Properties

Physical State	Crystalline
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	powder
Color	Variable to dye
Odor	Slight Ammonia
Odor Threshold	N/A
Solubility	Soluble
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N/A
FP Method	N/A
Ph	N/A
Melting Point	N/A
Boiling Point	N/A
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N/A
Vapor Density	N/A

Section 10. Stability and Reactivity

Stability	Stable under prescribed storage conditions. Conditions to avoid: moisture
Incompatibilities	Strong acids, Strong oxidizing agents, strong reducing agents Powdered metals, Alcohols, Organic Materials. Mixtures of nitrobenzene and aluminum chloride are thermally unstable and may lead to explosive decomposition due to a multi-step decomposition reaction occurring above 90 degrees C, which selfaccelerates with high exothermicity producing azo- and azoxypolymers.
Conditions to Avoid	Mixtures are easily ignited by friction or heat.

Section 11. Toxicological Information

Aluminum Chloride	<p>Acute Toxicity: LD50 Oral Rat - 3,450 mg/kg. Inhalation - N/A. Dermal - N/A.</p> <p>Serious eye damage/irritation: Human - severe eye irritation</p> <p>Respiratory or Skin Sensitisation: Guinea pig - Did not cause sensitisation on laboratory animals.</p> <p>Carcinogenicity: 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, NTP, OSHA.</p> <p>Reproductive Toxicity: Laboratory experiments have shown teratogenic effects. Over exposure may cause reproductive disorder(s) based on tests with laboratory animals.</p> <p>Specific Target Organ Toxicity - Repeated Exposure: Oral - The substance or mixture is classified as specific target organ toxicant, repeated exposure,</p>
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category 2. - Central nervous system. Inhalation - The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 1. - Lungs

Additional Information: RTECS - BD0525000

Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin., spasm, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, burning sensation, Cough, wheezing, laryngitis, Shortness of breath, Headache, Nausea, Vomiting, prolonged or repeated exposure can cause:, Damage to the lungs.

Damage to the lungs. - Irregularities - Based on Human Evidence

Acute Toxicity: LD50 Oral Rat - 1,870 mg/kg. LC50 Inhalation Rat male and female - 4h - >5.1 mg/l. LD50 Dermal Rat male and female - >2,000 mg/kg.

Serious eye damage/irritation: Rabbit - No eye irritation.

Respiratory or Skin Sensitisation: N/A

Germ Cell Mutagenicity: Ames test - S. typhimurium - Negative.

Carcinogenicity: 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, NTP, OSHA.

Reproductive Toxicity: N/A

Specific Target Organ Toxicity - N/A

Additional Information: RTECS - FO0350000

Anemia, absorption into the body leads to the formation of methemoglobin which in sufficient concentration causes cyanosis. Onset may be delayed 2 to 4 hours or longer. Nausea, Vomiting, Diarrhea, Hemorrhage, Liver, Convulsions To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Stomach - Irregularities - Based on Human Evidence

Acute Toxicity: LD50 Oral Rat - 29,700 mg/kg - Notes on behavioral somnolence (general depressed activity, cyanosis, diarrhea. Inhalation - N/A. Dermal - N/A.

Serious Eye Damage/Irritation: N/A

Respiratory or Skin Sensitisation: N/A

Carcinogenicity: 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, NTP, OSHA.

Reproductive Toxicity: N/A

Specific Target Organ Toxicity - Single Exposure: N/A

Specific Target Organ Toxicity - Repeated Exposure: N/A

Additional Information: RTECS - WN6500000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Acute Toxicity: LD50 Oral Rat - 4,220 mg/kg. Inhalation - N/A. Dermal - N/A.

Skin Corrosion/Irritation: Skin - Human - Mild skin irritation - 3 d

Serious Eye Damage/Irritation: Eyes - Rabbit - mild eye irritation - 30 s

Respiratory or Skin Sensitisation: No data available

Germ Cell Mutagenicity: N/A

Carcinogenicity: 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, NTP, OSHA.

Reproductive Toxicity: N/A

Specific Target Organ Toxicity - Single Exposure: N/A

Specific Target Organ Toxicity - Repeated Exposure: N/A

Aspiration Hazard: N/A

Additional Information: RTECS - VZ0950000

Exposure to large amounts can cause: Gastrointestinal disturbance, Heavy or prolonged skin exposure may result in the absorption of harmful amounts of material. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Potassium Chlorate

Sucrose

Sodium Bicarbonate

Section 12. Ecological Information

Environmental Precautions	Avoid discharge into drains, water courses or onto the ground.
Aluminum Chloride	Toxicity: Fish - Static test LC50 Salmo Gairdneri - 36.6 mg/l - 96 h. Invertebrates - EC50 - Daphnia magna (water flea) - 27.3 mg/l - 48 h. Algae EC50 - Pseudokirchneriella Subcapitata (green algae) - 0.57 mg/l - 96 h. Persistence and Degradability: the methods for determining the biological degradability are not applicable to inorganic substances. Results of PBT and PvB assessment: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted. Other Adverse Effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.
Potassium Chloride	Toxicity: Algae - Static test EC50 Nitzschia Closterium - 2.8 mg/l - 72 h. Persistence and Degradability: N/A Bioaccumulative Potential: N/A Mobility in Soil: N/A Results of PBT and PvB assessment: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted Other Adverse Effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life with long lasting effects.

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
Product	Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	1726 Aluminum chloride, and 1485 Potassium chlorate,
DOT Classification	8 and 5.1
Packing Group	II
Additional Information	Aluminum chloride: RQ 100 lbs

Section 15. Regulatory Information

SARA 302 Components	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302
SARA 313	There are no chemicals in this material are subject to reporting under SARA Title III, Section 313.
SARA 311/312	Ammonium Chloride is subject to the reporting requirements of SARA Title III,

Section 311/312 for Immediate (acute) health hazard, chronic health hazard. Potassium Chlorate is subject to the reporting requirements of SARA Title III, Section 311/312 for Reactivity Hazard, Immediate (acute) health hazard, chronic health hazard.

Massachusetts RTK
Components

Sucrose - CAS# 57-50-1
Potassium Chlorate - CAS# 3811-04-9
Aluminum Chloride Anhydrous - CAS# 7446-70-0

Pennsylvania RTK
Components

Sucrose - CAS# 57-50-1
Potassium Chlorate - CAS# 3811-04-9
Aluminum Chloride Anhydrous - CAS# 7446-70-0
Sodium Hydrocaronate - CAS# 144-55-8

New Jersey RTK
Components

Sucrose - CAS# 57-50-1
Potassium Chlorate - CAS# 3811-04-9
Aluminum Chloride Anhydrous - CAS# 7446-70-0
Sodium Hydrocaronate - CAS# 144-55-8

California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16. Other Information

Revision Date

1/11/2016

Company Policy/Disclaimer

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