

Issue Date 05/05/2025

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name HOT BOX

Other means of identification

Product Code 1717

Details of the supplier of the safety data sheet

Company Name Blue Cardinal Chemical, LLC
3670 Scarlet Oak Blvd.
St. Louis, MO 63122
800-325-3312

Emergency telephone number

Emergency Telephone CHEMTEL 1-800-255-3924

2. HAZARDS IDENTIFICATION

Classification

Skin irritation	Category 2
Serious/Eye Damage/Eye Irritation	Category 2

Label elements

Emergency Overview

WARNING

Hazard statements

Causes skin and eye irritation.



Appearance: Clear dark blue liquid

Physical state: Liquid

Odor: Glycol



Precautionary Statements - Prevention

Wear protective gloves and safety glasses as needed. Wash thoroughly after handling.

Precautionary Statements - Response

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do and continue rinsing. If eye irritation occurs, get medical advice/attention. Skin Contact: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs, get medical advice /attention. Ingestion: Call Poison Center/doctor/physician if you feel unwell.

Precautionary Statements - Storage

Store in a cool, dry, well ventilated area away from direct sunlight and any incompatible materials. Keep container tightly sealed.

Precautionary Statements - Disposal

Dispose of contents/container in accordance with federal, state and/or local requirements.

3. COMPOSITION/INFORMATION ON INGREDIENTS**Mixture**

Mixture of substances listed below with nonhazardous additions.

CHEMICAL NAME	CAS NO.	WEIGHT - %	TRADE SECRET
Methyl ester	67784-80-9	95-99	*
Benzenesulfonic Acid, C10-160 Alkyl Derivs., Compds. with 2-Propanamine	68584-24-7	1-5	*

***The exact percentage (concentration) of composition has been withheld as a trade secret.**

4. FIRST AID MEASURES**First aid measures****General Advice**

If you feel unwell, seek medical advice (show the label where possible).

Skin Contact

Remove contaminated clothing, wash with plenty of water. If skin irritation persists, call a physician.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.

Inhalation

Remove to fresh air. If breathing stops, provide artificial respiration. If symptoms persist, call a physician.

Ingestion

Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

Most important symptoms and effect, both acute and delayed**Symptoms**

Causes skin and eye irritation.

Indication of any immediate medical attention and special treatment needed**Note to physicians**

Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Alcohol resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media: High volume water jet.

Specific hazards arising from the chemical

Carbon oxides.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, NIOSH approved and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions

Use personal protective equipment as required. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe area.

Methods and material for containment and cleaning up

Methods for containment & cleaning up

Prevent further leakage or spillage if safe to do so. Contain spillage. Absorb with an inert dry material and place in an appropriate waste disposal container. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place away from direct sunlight and any incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate engineering controls

Engineering Controls

Provide adequate ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Skin and body protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Prevent contact with shoes and clothing; use rubber apron and overshoes.

Respiratory protection

Use a properly fitted, air-purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Other Protective Equipment

Eye wash stations and emergency showers should be available. The type and degree of personal protective equipment appropriate will depend on the specific work operation. Inspect and replace personal protective equipment at regular intervals; use professional care in their selection, use and care.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical State	Liquid
Appearance	Clear Liquid
Color	Clear
Odor	Light vegetable oil
Odor Threshold	No data available

<u>Property</u>	<u>Values</u>
pH	6.5–7
Melting Point/Freezing Point	No data available
Boiling Point/Boiling Range	664°F
Flash Point	>350°F (PPMC)
Evaporation Rate	No data available
Flammability (Solid, Gas)	N/A - liquid
Upper Flammable Limits	No data available
Lower Flammable Limits	No data available
Vapor Pressure	0.38psi
Vapor Density	No data available
Specific Gravity	0.88
Water Solubility	Not soluble
Partition Coefficient	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Kinematic Viscosity	No data available
Dynamic Viscosity	No data available
Explosive Properties	Not an explosive
Oxidizing Properties	Not an oxidizer
Solubility in Other Solvents	No data available

10. STABILITY AND REACTIVITY**Reactivity**

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility Of Hazardous Reactions

None known.

Conditions To Avoid

Avoid strong oxidizers, acids and alkalis.

Incompatible Materials

Strong oxidizing agents, acids and alkalis.

Hazardous Decomposition Products

Carbon dioxide, carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure Skin, Eye, and Inhalation

Product Information

Skin Contact	May cause skin irritation.
Eye Contact	May cause eye irritation.
Inhalation	No known significant effects.

CHEMICAL NAME	CAS #	ORAL LD50	DERMAL LD50	INHALATION LC50
Methyl Ester	6778/4-80-9	No data available	No data available	No data available
Benzenesulfonic Acid, C10-160 Alkyl Derivs., Compds with 2-Propanamine	68584-24-7	1300 mg/kg (Rat)	>5000 mg/kg(Rabbit)	No data available

	METHYL ESTER	BENZENESULFONIC ACID, C10-160 ALKYL DERIVS., COMPS WITH 2-PROPANAMINE
Skin corrosion/irritation	May cause irritation	Causes irritation
Serious eye damage/irritation	May cause irritation	Causes serious eye irritation
Respiratory or skin sensitization	Not expected to be a sensitizer	Note expected to be a sensitizer
Mutagenicity	Not Mutagenic	Note mutagenic
Carcinogenicity	Not classified as a human carcinogen	Not classified as a human carcinogen
Reproductive toxicity	No known significant effects	Not expected to cause
Specific target organ toxicity – Single exposure	Not classified	Not classified
Specific target organ toxicity – Repeated exposure	Not classified	Not classified
Aspiration hazard	Not aspiration hazard	Not aspiration hazard

12. ECOLOGICAL INFORMATION

There is no data available for this product as a whole.

CHEMICAL NAME	CAS #	ALGAE/AQUATIC PLANTS	FISH	AQUATIC INVERTEBRATES
Methyl Ester	6778/4-80-9	No data available	No data available	No data available
Benzenesulfonic Acid, C10-160 Alkyl Derivs., Compds with 2-Propanamine	68584-24-7	EC50 Algae >0.1 mg/l, 72 h	LC50 Fathead minnow (pimephales promelas) >0.041 mg/l, 96 h	EC50 Daphnia 0.009 mg/l, 48 h

Soil Mobility

No data available.

Persistence and Degradability

No data available.

Bioaccumulation

No data available.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Disposal of Wastes**

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

14. TRANSPORT INFORMATION

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

DOT

Not regulated as a dangerous goods.

15. REGULATORY INFORMATION**SARA Title III Section 311/312 (40CFR370)**

Acute health hazard.

SARA Title III Section 313 (40CFR372)

This product does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by section 313 of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

RCRA Status (40CFR261.33)

Not listed.

TSCA Inventory Status

Included.

OSHA/NTP/IARC Carcinogen Status

Not listed.

Canadian DSL Status

No data available.

Chemicals Known to the State of California to Cause Cancer or Reproductive Toxicity

This material is not known to contain a chemical currently listed as carcinogens or reproductive toxins.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Methyl Ester	Not regulated	Not regulated	Not regulated
Benzenesulfonic Acid, C10-160 Alkyl Derivs., Compds with 2-Propanamine	Not regulated	Not regulated	Not regulated

16. OTHER INFORMATION

NFPA	Health hazards		Flammability		Reactivity		Other	
HMIS	Health hazards	1	Flammability	1	Reactivity	0	Personal protection	

Issue Date

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Revision Date

Revision Note

N/A = Not Applicable; N/D = Not Determined

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 information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet