

Issue Date 01/27/2016

Revision Date 05/23/2025

Version 3

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product Identifier

Product Name TOP DOG ULTRA

#### Other means of identification

Product Code 2650

#### 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

Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1

#### Label elements

#### Emergency Overview

## WARNING

#### Hazard statements

Causes serious eye irritation.  
May cause an allergic skin reaction.



Appearance: White fabric

Physical state: Solid

Odor: Citrus



#### Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling.  
Avoid breathing dust/fume/gas/mist/vapors/spray.  
Contaminated work clothing must not be allowed out of the workplace.  
Wear protective gloves/eye protection/face protection.

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.  
IF ON SKIN: Wash with plenty of water and soap.  
If skin irritation or rash occurs: Get medical advice/attention.  
Wash contaminated clothing before reuse.

**Precautionary Statements - Storage**

Keep containers tightly closed in a dry, cool and well-ventilated place.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

CHEMICAL NAME	CAS NO.	WEIGHT - %	TRADE SECRET
d-Limonene	5989-27-5	1-5	*
Alcohols, C9-11 ethoxylated	68439-46-3	0.1-1	*
Alcohol Ethoxylate	34398-01-1	0.1-1	*
Isopropyl Alcohol	67-63-0	<0.1	*

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

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

Provide this SDS to medical personnel for treatment.

**Skin Contact**

Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

**Eye Contact**

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

**Inhalation**

Remove to fresh air.

**Ingestion**

Clean mouth with water and drink afterwards plenty of water.

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

May cause an allergic skin reaction.

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

Treat symptomatically.

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

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media:** Not determined.

**Specific hazards arising from the chemical**

Not determined.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures****Personal precautions**

Use personal protective equipment as required.

**Environmental precautions****Environmental precautions**

See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up****Methods for containment & cleaning up**

Prevent further leakage or spillage if safe to do so. 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. Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves.

**Conditions for safe storage, including any incompatibilities****Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Materials**

Strong oxidizing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters**

CHEMICAL NAME	ACGIH TLV	OSHA PEL	NIOSH
Isopropyl Alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m3 (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m3 (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m3	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m3 STEL: 500 ppm STEL: 1225 mg/m3

**Appropriate engineering controls****Engineering Controls**

Apply technical measures to comply with the occupational exposure limits.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Refer to 29 CFR 1910.133 for eye and face protection regulations.

**Skin and body protection**

Wear protective gloves. Refer to 29 CFR 1910.138 for appropriate skin and body protection.

**Respiratory protection**

Refer to 29 CFR 1910.134 for respiratory protection requirements.

## General Hygiene

Handle in accordance with good industrial hygiene and safety practice.

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

Physical State	Solid (Fabric)
Appearance	White fabric wetted with colorless liquid
Color	White fabric, Colorless liquid
Odor	Citrus
Odor Threshold	Not determined

PropertyValues

pH	4.0–5.0
Melting point / freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	Not determined
Flammability (Solid, Gas)	Not determined
Flammability Limit in Air	
Upper flammability or explosive limits	No data available
Lower flammability or explosive limits	No data available
Vapor Pressure	Not determined
Relative vapor density	No data available
Relative Density	Not determined
Water Solubility	Soluble in water
Solubility in other solvents	Not determined
Partition Coefficient	Not determined
Autoignition temperature	No data available
Decomposition temperature	Not determined
Kinematic viscosity	Not determined
Dynamic viscosity	Not determined
Explosive Properties	Not determined
Oxidizing Properties	Not determined

**10. STABILITY AND REACTIVITY**Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility Of Hazardous Reactions

None under normal processing.

Conditions To Avoid

Keep out of reach of children.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Skin Contact</b>	Use only as directed.
<b>Eye Contact</b>	Causes serious eye irritation.
<b>Inhalation</b>	Avoid inhalation of vapors.
<b>Ingestion</b>	Do not ingest.

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Dibasic esters 1119-40-0	> 5000 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	> 11 mg/L ( Rat ) 4 h
Sodium dioctyl sulfosuccinate 577-11-7	= 3080 mg/kg ( Rat )	> 10000 mg/kg ( Rabbit )	-
d-Limonene 5989-27-5	= 5200 mg/kg ( Rat ) = 4400 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	-
Dimethyl Adipate 627-93-0	> 5000 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	-
Dimethyl Succinate 106-65-0	> 5 g/kg ( Rat )	> 5 g/kg ( Rabbit )	-
Alcohols, C9-11 ethoxylated 68439-46-3	= 1400 mg/kg ( Rat )	-	-
1, 2 propanediol 57-55-6	= 20 g/kg ( Rat )	= 20800 mg/kg ( Rabbit )	-
Isopropyl Alcohol 67-63-0	= 1870 mg/kg ( Rat )	= 4059 mg/kg ( Rabbit )	> 10000 ppm ( Rat ) 6 h
1,2-Benzisothiazolin-3-one 2634-33-5	= 1020 mg/kg ( Rat )	> 2000 mg/kg ( Rat )	-
Potassium Carbonate 584-08-7	= 1870 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 4.96 mg/L ( Rat ) 4.5 h
Iodopropynyl butylcarbamate 55406-53-6	= 1470 mg/kg ( Rat )	> 2000 mg/kg ( Rat )	= 0.67 mg/L ( Rat ) 4 h = 0.63 mg/L ( Rat ) 4 h = 0.99 mg/L ( Rat ) 4 h

### Information on toxicological effects

**Symptoms** Please see section 4 of this SDS for symptoms.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization** May cause an allergic skin reaction.

**Carcinogenicity** Group 3 IARC components are "not classifiable as human carcinogens".

CHEMICAL NAME	ACGIH	IARC	NTP	OSHA
d-Limonene 5989-27-5		Group 3		X
Isopropyl Alcohol 67-63-0		Group 3		X

#### Legend

*IARC (International Agency for Research on Cancer)*

*Group 3 - Not Classifiable as to Carcinogenicity in Humans*

*Occupational Safety and Health Administration of the US Department of Labor*

*X - Present*

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral)	44,989.00 mg/kg
ATEmix (dermal)	60,350.00 mg/kg
ATEmix (inhalation-dust/mist)	501.00 mg/l

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

This product as a whole has not been tested for ecotoxicity.

**Soil Mobility**

Not determined

**Persistence and Degradability**

Not determined

**Bioaccumulation**

There is no data for this product.

**Component Information**

Not determined

**Other adverse effects**

Not determined

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

<b>Disposal of Wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Disposal of contaminated packaging</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.

**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.

<b>DOT</b>	Not regulated.
<b>IATA</b>	Not regulated.
<b>IMDG</b>	Not regulated.

**15. REGULATORY INFORMATION****International Inventories**

All ingredients are listed or exempt from listing on Chemical Substance Inventory.

**US Federal Regulations****CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**U.S. State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Isopropyl Alcohol 67-63-0	X	X	X
Iodopropynyl butylcarbamate 55406-53-6	X		

**16. OTHER INFORMATION**

<b>NFPA</b>	Health hazards	-	Flammability	-	Reactivity	-	Other	-
<b>HMIS</b>	Health hazards	-	Flammability	-	Reactivity	-	Personal protection	N/D

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Revision Note Updated Formula

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**