

Issue Date 10/18/22

Revision Date 09/09/22

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Odor Ender

Other means of identification

Product Code 3010

Recommended use of the chemical and restrictions on use

Recommended use Deodorizer
Uses Advised Against For industrial and institutional use only.

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

Acute aquatic toxicity	Category 3
Acute toxicity Oral	Category 4
Chronic aquatic toxicity	Category 3
Eye Irritation	Category 2A
Reproductive Toxicity	Category 2
Skin Irritation	Category 2
Skin Sensitizer	Category 1
Specific Target Organ Toxicity - Single Exposure	Category 1

Label elements

Emergency Overview

DANGER

Hazard statements

Harmful if swallowed. Causes serious eye irritation. Suspected of damaging fertility or the unborn child. Causes skin irritation. May cause an allergic skin reaction. Causes damage to organs. Harmful to aquatic life with long lasting effects



Appearance: Green Liquid

Physical state: Liquid

Odor: Characteristic



Precautionary Statements - Prevention

If medical advice is needed, have product container or label at hand.. Keep out of reach of children. Read label before use. Avoid release to the environment. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing, eye protection/face protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Contaminated work clothing should not be allowed out of the workplace. Do not breathe dust/fume/gas/mist/vapors/spray.

Precautionary Statements - Response

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. 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 exposed or concerned: Get medical advice/attention. IF ON SKIN: Wash with plenty of water. Specific treatment (see First-Aid on this label). Take off contaminated clothing. And wash it before reuse. If skin irritation or a rash occurs: Get medical advice/attention. IF exposed or concerned: Call a POISON CENTER/doctor.

Precautionary Statements - Storage

Store locked up.

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local/national/international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO.	WEIGHT - %	TRADE SECRET
NONYL PHENOL ETHOXYLATE	0127087-87-0	3% - 14%	*
SODIUM XYLENE SULFONATE	0001300-72-7	2% - 9%	*
METHANOL	0000067-56-1	0.88% - 4%	*
PROPYLENE GLYCOL	0000057-55-6	0.51% - 2%	*
DIPROPYLENE GLYCOL	0025265-71-8	0.41% - 2%	*
CYCLOHEXANOL, 5-METHYL-2-(1- METHYLETHYL)-, (1R,2S,5R)-REL-	0000089-78-1	0.03% - 0.65%	*
EUGENOL	0000097-53-0	0.02% - 0.32%	*
COUMARIN	0000091-64-5	0.02% - 0.32%	*
CAMPHOR	0000076-22-2	0.02% - 0.32%	*
D-LIMONENE	0005989-27-5	0.02% - 0.32%	*

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

4. FIRST AID MEASURES

First aid measures

Skin Contact

Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes or until medical aid is available. IF exposed or concerned: Get medical advice/attention. If skin irritation or a rash occurs: Get medical advice/attention. Wash contaminated clothing before re-use or discard. Take off immediately all contaminated clothing, shoes and leather goods (e.g. watchbands, belts).

Eye Contact

If eye irritation persists: Get medical advice/attention. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. Avoid direct contact. Wear chemical protective gloves, if necessary.

Ingestion

Rinse mouth. If exposed/If you feel unwell/If concerned: Call a POISON CENTER/doctor.

Inhalation

Remove source of exposure or move person to fresh air and keep comfortable for breathing. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by the POISON CENTER/doctor. Get Medical advice/attention if you feel unwell. If exposed/If you feel unwell/If concerned: Call a POISON CENTER/doctor.

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

Treat according to symptoms (decontamination, vital functions), no known specific antidote. Treatment should be supportive and based on the judgement of the physician in response to the reaction of the patient.

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

Small Fire : Dry chemical, foam, carbon dioxide, water-spray or alcohol-resistant foam. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Large Fire : Water spray, fog or alcohol-resistant foam.

Unsuitable extinguishing media: Do not use straight stream of water.

Specific hazards arising from the chemical

Fire will produce irritating gases. Runoff may pollute waterways

Protective equipment and precautions for firefighters

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Cool containers with flooding quantities of water until well after fire is out. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

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

Do not get on skin, eyes or clothing. Do not breathe vapor or mist.

Environmental precautions**Environmental precautions**

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

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

Absorb Liquids in vermiculite, dry sand, earth, or similar inert material and deposit in sealed containers for disposal. Ventilate area after clean-up is complete.

7. HANDLING AND STORAGE**Precautions for safe handling****Advice on Safe Handling**

Wash hands after use. Avoid breathing vapor or mist. Use good personal hygiene practices. Eating, drinking and smoking in work areas is prohibited. Remove contaminated clothing and protective equipment before entering eating areas. All containers must be properly labeled. Eyewash stations and showers should be available in areas where this material is used and stored Do not get in eyes, on skin, or on clothing.

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

Store in a cool, dry, well ventilated area, away from sources of ignition and incompatibilities. Keep containers securely sealed when not in use. Containers that have been opened must be carefully resealed to prevent leakage. Indoor storage should meet OSHA standards and appropriate fire codes. Empty containers retain residue and may be dangerous.

Ventilation Requirement

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source. Report ventilation failures immediately.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters****Appropriate engineering controls****Engineering Controls**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

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

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids.

Skin and body protection

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

Respiratory protection**General Hygiene**

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 should be followed. Check with respiratory protective equipment suppliers.

Chemical Name	CANtppm	CANtmg	CANsppm	CANsmg	CAN_ONsmg	CAN_ONtmg	CAN_ONsppm	CAN_ONtppm
CAMPHOR	2	12	3	19				
METHANOL	200	262	250	328				
PROPYLENE GLYCOL						155 (V), 10 (H) (b)		50 (V)

Chemical Name	CAN_QCVEMP ppm - CANADA_QUE BEC VALEUR D'EXPOSITION MOYENNE PONDÉRÉE_p pm	CAN_QCVEMP mg - CANADA_QUE BEC VALEUR D'EXPOSITION MOYENNE PONDÉRÉE_m g	CAN_QCVECD ppm - CANADA_QUE BEC VALEUR D'EXPOSITION DE COURTE DURÉE_ppm	CAN_QCVECD mg - CANADA_QUE BEC VALEUR D'EXPOSITIO N DE COURTE DURÉE_mg	CAN_ALtppm	CAN_ALtmg	CAN_ALsmg	CAN_AL_Notation
CAMPHOR	2	12	3	19				
METHANOL	200	262	250	328	200	262	328	1: Substance may be readily absorbed through intact skin.

PROPYLENE GLYCOL								
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Chemical Name	CAN_AL_Carcinogen	CAN_ALsppm	ACGIH TWA (mg/m3)	ACGIH TWA (ppm)	ACGIH STEL (mg/m3)	ACGIH STEL (ppm)	ACGIH Carcinogen	ACGIH TLV Basis
CAMPHOR				2		3	A4	Eye & URT irr; anosmia
METHANOL		250		200		250		Headache; eye dam; dizziness; nausea
PROPYLENE GLYCOL								

Chemical Name	ACGIH Notations	OSHA TWA (mg/m3)	OSHA TWA (ppm)	OSHA STEL (mg/m3)	OSHA STEL (ppm)	OSHA Carcinogen	OSHA Skin designation	OSHA Tables (Z1, Z2, Z3)
CAMPHOR	A4	2						1
METHANOL	Skin; BEI	260	200					1
PROPYLENE GLYCOL								

Chemical Name	NIOSH TWA (mg/m3)	NIOSH TWA (ppm)	NIOSH STEL (mg/m3)	NIOSH STEL (ppm)	NIOSH Carcinogen
CAMPHOR	2				
METHANOL	260	200	325	250	
PROPYLENE GLYCOL					

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid
Appearance	Green Liquid
Color	Green
Odor	Characteristic
Odor Threshold	N/A

<u>Property</u>	<u>Values</u>
Density	5.10461 lb/gal
Specific Gravity	0.61167
% VOC	6.02144%
Density VOC	0.30737 lb/gal
% HAPS	2.20075%
Density HAPS	0.11234 lb/gal
% VHAPS	2.20075%
Density VHAPS	0.11234 lb/gal
% Solids By Weight	14.48390%
pH	6.5-7.5
Water Solubility	N/A
Flammability	N/A
Flash Point Symbol	N/A
Flash Point	>205 PMCC °F
Viscosity	N/A
Lower Explosion Level	N/A
Upper Explosion Level	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Freezing Point	N/A
Melting Point	N/A

Low Boiling Point	N/A
High Boiling Point	N/A
Auto Ignition Temp	N/A
Decomposition Pt	N/A
Evaporation Rate	N/A
Coefficient Water/Oil	N/A

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal storage and handling conditions.

Possibility Of Hazardous Reactions

Will not occur.

Conditions To Avoid

Avoid heat, sparks, flame, high temperature and contact with incompatible materials.

Incompatible Materials

Strong bases, acids, and oxidizing agents.

Hazardous Decomposition Products

Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure Inhalation, Ingestion, Skin contact, Eye contact

Product Information

Inhalation

May cause an allergic skin reaction
 0000057-55-6 PROPYLENE GLYCOL: Prolonged or repeated contact can cause a skin rash dryness and redness.
 0000067-56-1 METHANOL: Prolonged or repeated contact can cause a skin rash, dryness, redness and cracking of the skin.

Eye Contact

Causes serious eye irritation.
 0000057-55-6 PROPYLENE GLYCOL: Contact can irritate the eyes.
 0000067-56-1 METHANOL: Can irritate the eyes and can cause blurred vision and blindness.

Skin Contact

Causes skin irritation
 0000057-55-6 PROPYLENE GLYCOL: Contact can irritate the skin.

Information on toxicological effects

Symptoms

0000067-56-1 METHANOL
 Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: eyes, kidneys, liver, skin. Excessive human exposure to methanol may lead to: fatigue, headache, anaesthetic, neurologic effects, and visual difficulties including blindness or death. Recurrent overexposure may result in liver and kidney injury. Has been toxic to the fetus in laboratory animals at doses that are toxic to the mother. Ingestion may cause any of the following: blindness. Eye contact may cause any of the following: conjunctivitis, mild irritation, corneal opacity.

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

Germ Cell Mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

0000067-56-1 METHANOL

LC50 (rat): 64000 ppm (4-hour exposure) (14, unconfirmed)

LD50 (oral, rat): 5628 mg/kg (14, unconfirmed)

LD50 (oral, 14-day old rat): 5850 mg/kg (cited as 7.4 mL/kg) (15)

LD50 (oral, young adult rat): 10280 mg/kg (cited as 13.0 mL/kg) (15)

LD50 (oral, monkey): 3000 mg/kg (1/1 animal died) (16)

LD50 (dermal, rabbit): 15800 mg/kg (cited as 20 mL/kg) (17 citing unpublished information)

Reproductive Toxicity	Suspected of damaging fertility or the unborn child 0000067-56-1 METHANOL May be a teratogen in humans since it is a teratogen in animals.
STOT - Single Exposure	Causes damage to organs. 0000057-55-6 PROPYLENE GLYCOL: Exposure can cause headache, dizziness, lightheadedness, and passing out. 0000067-56-1 METHANOL: May damage the liver, kidneys and nervous system.
STOT - Repeated Exposure	Based on available data, the classification criteria are not met. 0000057-55-6 PROPYLENE GLYCOL: Repeated high exposure may affect the kidneys.
Aspiration Hazard	Based on available data, the classification criteria are not met.

Numerical measures of toxicity - Product Information

Acute Toxicity

Harmful if swallowed

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

ATEmix (oral)	1170.19 mg/kg body weight
ATEmix (dermal)	>5000 mg/kg body weight
ATEmix (inhalation-dust/mist)	>5 mg/l 0000067-56-1 METHANOL

Inhalation can irritate the nose, throat and lungs causing coughing, wheezing and/or shortness of breath. Can cause nausea, vomiting, diarrhea and abdominal pain. Exposure to high concentrations can cause headache, dizziness, drowsiness, fatigue, loss of consciousness and death. Methanol is readily absorbed by inhalation, ingestion and dermal exposure and is rapidly distributed to tissues according to the distribution of body water.

12. ECOLOGICAL INFORMATION

Toxicity

Harmful to aquatic life. Harmful to aquatic life with long lasting effects

Persistence and Degradability

0000067-56-1 METHANOL: 72% aerobic biodegradability. Readily biodegradable.
0025265-71-8 DIPROPYLENE GLYCOL: Biodegradable.

Bioaccumulation

0025265-71-8 DIPROPYLENE GLYCOL: Bioaccumulation is not expected.

Mobility in Soil

0000067-56-1 METHANOL: Will not adsorb on soil.

Other Adverse Effects

No data available.

Results of the PBT and vPvB assessment

0000067-56-1 METHANOL: The substance is not PBT / vPvB

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes

It is the responsibility of the user of the product to determine at the time of disposal whether the product meets local criteria for hazardous waste. Waste management should be in full compliance with national, state and local laws. Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes.

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

UN/ID No.	Not Regulated
Proper Shipping Name	N/A
Hazard Class	N/A
Packing Group	N/A
Marine Pollutant	No Data Available

15. REGULATORY INFORMATION

CHEMICAL NAME	CAS NO.	WEIGHT - %	TRADE SECRET
NONYL PHENOL ETHOXYLATE	0127087-87-0	3% - 14%	SARA313, Canada_NPRI,DSL,CEPA_S1,SARA 312,TSCA
SODIUM XYLENE SULFONATE	0001300-72-7	2% - 9%	DSL,SARA312,TSCA
METHANOL	0000067-56-1	0.88% - 4%	SARA313, Canada_NPRI,DSL,CERCLA,HAPS, SARA312,OC_HAPS,TSCA,RCRA,N EI - National Emissions Inventory,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Devel op - CA_Proposition65_Type_Toxicity_De velopmental,Canada_ON_419,MA_Ri ghtToKnow - MASSACHUSETTS RIGHT TO KNOW
PROPYLENE GLYCOL	0000057-55-6	0.51% - 2%	DSL,SARA312,TSCA,Canada_ON_4 19
DIPROPYLENE GLYCOL	0025265-71-8	0.41% - 2%	DSL,SARA312,TSCA
CYCLOHEXANOL, 5-METHYL-2-(1-METHYLETHYL)-, (1R,2S,5R)-REL-	0000089-78-1	0.03% - 0.65%	DSL,SARA312,TSCA
EUGENOL	0000097-53-0	0.02% - 0.32%	DSL,SARA312,IARCCarcinogen,TSC A
COUMARIN	0000091-64-5	0.02% - 0.32%	DSL,SARA312,IARCCarcinogen,TSC A
CAMPHOR	0000076-22-2	0.02% - 0.32%	DSL,SARA312,TSCA,MA_RightToKn ow - MASSACHUSETTS RIGHT TO KNOW
D-LIMONENE	0005989-27-5	0.02% - 0.32%	Canada_NPRI,DSL,SARA312,IARCC arcinogen,TSCA

The information in this Section does not list non-hazardous components that might have relevant Canada_ON_419, DSL, SARA312, TSCA regulatory values, if they are present at less than 100%. Please contact manufacturer for more information.

PRODUCT DOES NOT CONTAIN ANY CHEMICALS LISTED UNDER CALIFORNIA PROPOSITION 65

16. OTHER INFORMATION

Issue Date	10/18/22
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Revision Note	

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

Glossary

ACGIH - American Conference of Governmental Industrial Hygienists; CAS - Chemical Abstracts Service ; Chemtrec - Chemical Transportation Emergency Center; DSL - Domestic Substances List; ESL- Effects screening levels; GHS - "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations; HMIS - Hazardous Material Information Service; IATA - Dangerous Goods Regulations (DGR) for the air transport (IATA); IMDG - International Maritime Dangerous Goods Code; LC - Lethal Concentration; LD - Lethal Dose; NFPA - National Fire Protection Association; OEL - Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL - Permissible Exposure Limit; SARA 313 - Superfund Amendments and Reauthorization Act, Section 313; SCBA - Self Contained Breathing Apparatus; ppm - parts per million; STEL - Short-term exposure limit; TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act Public Law 94-469; TWA - Time-weighted average; US DOT- US Department of Transportation.

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