

## XStreme Vapor Solution Concentrates

Material: XStreme Vapor Solution 8015  
Revision Date: August 5, 2022

### 1. IDENTIFICATION

**Product Identification:**

**Product Name:** XStreme Vapor Solution Series Concentrate  
**Synonyms:** None  
**Chemical Family:** Mixture  
**Application / Use:** Deodorizer  
**Supplied By:** Ecolo Odor Control Systems Toronto  
4540 Eastgate Parkway, Unit 2  
Mississauga, ON L4W 3W6  
**Prepared By:** Technical Services  
**Telephone number of preparer:** (905) 625-4533  
**24-Hour Emergency Telephone Number :** CANUTEC 613-996-6666

### 2. HAZARDS IDENTIFICATION

The product is not classified.

**Information pertaining to special dangers for human and environment:**

**Adverse physicochemical effects:**

**Adverse human health effects and symptoms:**

**Eye Contact:** May irritate eyes.

**Skin Contact:** May cause minimal skin irritation in sensitive individuals

**Ingestion:** May cause indigestion

**Adverse environmental effects:** There is no known ecological information for this product

**Other adverse hazards:** There is no additional information for this product.

#### Label Elements

Hazard Statements:

H315 + H320 May cause skin and eye irritation if direct contact with liquid

Precautionary Statements

P264 Wash contaminated skin thoroughly after handling

P280 Wear protective gloves/eye protection

P302 + P352 If on skin: Wash with plenty of water

P305 + P351 + P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses.

P321 Specific treatment (see medical advice on this label)

P333 + P313 If skin irritation or rash occurs: Seek medical advice/attention

P337 + P313 If eye irritation persists: Seek medical advice/attention  
 P370 + P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish  
 P403 Store in well-ventilated place  
 P501 Dispose of contents/container in accordance with local regulations

Contains

(R)-p-mentha-1,8-diene, 2-methoxy-4-prop-2-enylphenol, (E)-3-phenylprop-2-enal, 2-oxabicyclo (2,2,2)octane, 1,3,3-trimethyl, citral, 3,7-dimethyloct-6-enal

This product does not contain any substances classified as PBT or vPvB

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Mixtures**

Isopentyl acetate CAS number: 123-92-2	10-30%
benzaldehyde CAS number: 100-52-7	5-10%
bicyclo(2,2,1) heptan-2-ol, 1,7,7-trimethyl-exo CAS number: 125-12-2	5-7%
(R)-p-mentha-1,8-diene CAS number: 5989-27-5	5-10%
2-(2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy)ethanol CAS number: 9036-19-5	1-5%
3-cyclohexene-1-methanol,a,a,4-trimethyl CAS number: 98-55-5	1-5%
2-methoxy-4-prop-2-enylphenol CAS number: 123-92-2	10-30%
(E)-3-phenylprop-2-enal CAS number: 104-55-2	1-5%
methyl 2-hydroxybenzoate CAS number: 119-36-8	1-5%
2-oxabicyclo (2,2,2)octane, 1,3,3-trimethyl CAS number: 470-82-6	1-5%

pentyl 2-hydroxybenzoate CAS number: 2050-08-0	1-5%
chromen-2-one CAS number: 91-64-5	<1%
citral CAS number: 5392-40-5	<1%
1,3-benzodioxole-5-carbaldehyde CAS number: 120-57-0	<1%
4,6,6-trimethylbicyclo[3,1,1]hept-3-ene CAS number: 80-56-8	<1%
(2E)-3,7-dimethylocta-2,6-dien-1-ol CAS number: 106-24-1	<1%
3,7-dimethyloct-6-enal CAS number: 106-23-0	<1%
4-isopropylidene-1-methylcyclohexene CAS number: 586-62-9	<1%
3-methylbutan-1-ol CAS number: 123-51-3	<1%
ethyl acetate CAS number: 141-78-6	<1%

#### 4. FIRST AID MEASURES

**General Information:** Immediate medical attention is not required

**Eye Contact:** In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing. Remove contact lenses and rinse eyes with water.

**Skin Contact:** Remove contaminated clothing and launder before reuse. Wash contaminated skin with mild soap and water for 15 minutes. Get medical attention if irritation persists.

**Inhalation:** Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and get immediate medical attention.

**Ingestion:** Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious or convulsing person. Seek immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs

**Notes to Physician:** Treat symptomatically

**Hazards:** Contact with eyes, skin and through inhalation

**Treatment:** No specific antidote. Treatment based on sound judgment of physician and individual Reactions of patient.

## 5. FIRE FIGHTING MEASURES

**Flammable Properties:** Fire or intense heat may cause violent rupture of packages

**Suitable Extinguishing Media:** CO<sub>2</sub>, Dry Chemical, Universal - Type foam.

**Unsuitable Extinguishing Media:** Not available

**Hazardous Decomposition Materials (under fire conditions):** CO<sub>2</sub>, CO

**Specific Hazards Arising from the Chemical:** Thermal decomposition can lead to release of irritating gases and vapors

**Autoignition Temperature:** Not applicable

**Flammable Limits in Air (%):** Not Available.

**Special Exposure Hazards:** Combustible Liquid

**Special Protective Equipment:** In any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**NFPA Ratings for This Product Are:**

HEALTH 0, FLAMMABILITY 2, INSTABILITY 0, PERSONAL PROTECTION: "B" .

**HMIS Ratings for This Product Are:**

HEALTH 0, FLAMMABILITY 2, PHYSICAL HAZARD 0, PERSONAL PROTECTION: Safety Glasses and Gloves

Protective actions during firefighting

Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Avoid discharge to the aquatic environment.

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing that provides a basic level of protection during chemical incidents is defined by the Canada Occupational Health and Safety Regulations, by provincial guidelines on occupational health and safety or by NFPA standards if applicable.

## 6. ACCIDENTAL RELEASE MEASURES

**WARNING: Combustible.** Eliminate all ignition sources

**Personal Precautionary Measures:** Wear appropriate protective equipment. Avoid contact with spilled or leaked material.

**Environmental Precautionary Measures (Large Spills):** Evacuate hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off source of leak if it is safe to do so. Prevent entry into sewers or streams, dike if needed. Larger amounts may be collected with a sorbent material and placed in an appropriate waste disposal container.

**Procedure for Clean Up (Small spills):** Wipe up small spills with an absorbent cloth or paper toweling. Mop up with plenty of soapy water, dilute with running water. May be treated with an absorbent material and placed in a tightly sealed container for proper disposal.

## 7. HANDLING AND STORAGE

**Handling:**

**Advice on safe handling:** Avoid contact with eyes and skin. Use with adequate ventilation. Avoid breathing vapour.

**Protective measures:**

**Technical Measures:**

**Measures to prevent aerosol and dust generation:** not applicable

**Measures required to protect the environment:** Keep containers tightly closed when not in use.

**Specific requirements or handling rules:** Wear gloves and goggles or glasses while mixing or pouring.

**Precautions against fire and explosion:** Avoid excessive heat, sparks, open flame or smoking near product. Rinse empty containers before disposal to prevent vapour build up. If container is to be reused, keep tightly closed and do not rinse.

**Further information:** wash/wipe the outside of containers and skin thoroughly after handling.

**Storage:**

**Technical measures and storage conditions:** Store tightly closed container. Keep away from heat, sparks, open flame, direct sunlight and all incompatibles.

**Packaging materials:** Store in original containers

**Requirements for storage rooms and vessels:** Cool, dry area recommended

**Suggestions for storage assembly:** No Further Recommendations

**Storage class:** Not Available

**Further information on storage conditions:** Local Ventilation Sufficient if well ventilated

**Specific uses (for end products):** Deodorization

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure limit values:** **Occupational exposure limits:**

**Biological limit values:** Not available

**DNEL and PNEC-value(s) as applicable:** Not available

**Exposure Controls:** **Occupational exposure controls:** Not available

**Technical measures to prevent exposure:** General ventilation.

**Personal protection equipment:**

**Respiratory Protection:** General Ventilation

**Hand protection:** Rubber Gloves

**Eye protection:** Safety goggles or glasses recommended in case of splashing

**Skin protection:** Rubber Gloves. Minimize skin contact. Wash with soap and water before eating, drinking, smoking or using the toilet

**Other Personal Protection Data:** Eye wash kit should be available.

**Hygiene measures**

Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking, and using the toilet. Do not eat, drink or smoke when using this product.

**Respiratory protection**

Avoid excessive inhalation of concentrated gas. Ensure all respiratory protective equipment is suitable for its intended use and is NIOSH approved. R95 Particulate filtering or equivalent facepieces Respirators should comply with any relevant provincial regulation and/or provincial guidelines applicable to health and safety at work. Half mask and quarter mask respirators with replaceable filter cartridges should comply with the Canadian regulation on health and safety at work, SOR/86-304, Part XII (12.7) and any relevant provincial regulation relating to health and safety at work. Using an R95 approved particulate respirator is recommended.

**Environmental exposure controls:**

**Water (incl. sewage plant):** Not applicable

**Air:** Not applicable

**Soil:** Not applicable

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid
<b>Color:</b>	Clear pale yellow to dark yellow
<b>Odour:</b>	Characteristic
<b>Odour Threshold</b>	No information available
<b>pH:</b>	Not applicable
<b>Melting point/range (°C):</b>	Not Available
<b>Boiling point/range (°C):</b>	>100 °C
<b>Flash point (°C):</b>	>80°C Closed cup
<b>Evaporation Rate</b>	<1 (butyl acetate =1)
<b>Flammability (solid, gas):</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	No information available
<b>Explosive properties:</b>	Not Available
<b>Oxidizing properties:</b>	Not Available.
<b>Auto-Ignition temperature (°C):</b>	Not Available
<b>Vapor pressure (°C):</b>	Not Available

<b>Decomposition Temperature</b>	Not Available
<b>Relative density (g/cm<sup>3</sup>):</b>	0.925-0.945 @ 20 C
<b>Water solubility (20°C in g/l):</b>	Insoluble.
<b>Partition coefficient n-Octanol/Water (log Po/w):</b>	Not Available
<b>Viscosity, dynamic (mPa s):</b>	Kinematic viscosity <20.5 mm <sup>2</sup> /s
<b>Vapor density:</b>	>1
<b>Evaporation rate:</b>	<1
<b>Dust explosion hazard:</b>	Not Applicable
<b>Explosion limits:</b>	Not Applicable
<b>Substance groups relevant properties:</b>	Not Available
<b>Other information (where applicable like surface tension, miscibility, fat solubility, conductivity, gas group, etc):</b>	Not Available
<b>% Volatile by Volume:</b>	Not Available

## 10. STABILITY AND REACTIVITY

**Reactivity:** There is no known reactivity hazards associated with this product

**Chemical Stability:** Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

**Hazardous Polymerization:** This product presents no significant reactivity hazard. Hazardous polymerization will not occur.

**Conditions to Avoid:** Keep away from heat, sparks and flame. Avoid hot work and sources of ignition on or near empty containers.

**Materials to Avoid:** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

**Hazardous Decomposition Products:** Does not decompose when used and stored as recommended. Thermal decomposition or combustion productions may include the following substances. Harmful gases or vapours.

## 11. TOXICOLOGICAL INFORMATION

**Information on toxicological effects**

**Ingestion:** If ingested, may cause nausea.

**Skin Corrosion/Irritation:** Irritating. Wash skin if splashed

**Respiratory sensitization :** Based on available data the classification criteria are not met.

**Serious Eye damage/irritation:** Based on available data the classification criteria are not met.

**Skin Sensitisation:** May cause skin sensitisation or allergic reactions in sensitive individuals.

**Germ Cell mutagenicity:** Based on available data the classification criteria are not met.

**Repeated Dose Toxicity (sub-acute to chronic):** Not available

**Acute Test of Product:**

**Acute toxicity Oral:** LD50: >2,000 mg/kg (calculated, oral/rat)

**Acute Dermal LD50:** LD50>5,000 mg/kg

**Acute Inhalation LC50:** >2 mg/l. 8/H (rat) Vapour

**Carcinogenicity Comment:** Based on available data the classification criteria are not met.

**IARC Carcinogenicity:** Based on available data the classification criteria are not met.

**Reproductive Toxicity/Teratogenicity/Embryotoxicity/Mutagenicity:** Based on available data the classification criteria are not met.

Specific target organ toxicity -single exposure

STOT-single exposure: Not classified as a specific target organ toxicant after a single exposure

Specific target organ toxicity – repeated exposure

STOT- repeated exposure: Not classified as a specific target organ toxicant after repeated exposure

Aspiration hazard: Based on available data the classification criteria are not met.

Inhalation: No specific symptoms known

Ingestion: May cause sensitive or allergic reactions in sensitive individuals. Redness. Irritating to skin

Eye contact: May cause temporary eye irritation

Route of exposure: Ingestion, Inhalation, Skin and or eye contact



Target organs: No specific target organs known

General information: The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

## 12. ECOLOGICAL INFORMATION

**Aquatic toxicity Information:** Not Available

**Soil toxicity Information:** Not available

**Air toxicity Information:** Not available

**Mobility**      **Known or predicted distribution to environmental compartments:**

**Surface tension:** Not available

**Adsorption/Desorption**

**Soil-water:** Not available

**Water-air:** Not Available

**Soil-air:** Not Available

**Persistence and degradability**

**Abiotic Degradation(in sea-water, fresh-water, air, soil):** Not Available.

**Physical-and photo-chemical elimination (ozonolysis, oxidation, photo-oxidation, de-chlorination, photo-mineralisation):** Not Available.

**Biodegradation:** All data not available.

**Bioaccumulative potential**

**Partition coefficient n-octanol /water (log KO/W):** Not Available.

**Bioconcentration factor (BCF):** All data not available

**Longterm-Ecotoxicity:** Not Available

**Results of PBT assessment:** Not available

**Other adverse effects (ozone depletion, photochemical ozone creation, endocrine disruption, global warming, etc):** Will not deplete the ozone layer. Other data Not Available

**Further ecological information (as applicable):** No additional remark

## 13. DISPOSAL CONSIDERATIONS

**Waste management measures (as applicable):**

Can be incinerated, when in compliance with local regulations. Can be landfilled when in compliance with local regulations.

**Appropriate disposal of packaging:** Empty containers should be rinsed with hot water a minimum of three times and recycled or disposed of through an approved waste management facility.

**Additional information (including any national or regional provisions):** Not Available

## 14. TRANSPORT INFORMATION

**ICAO/IATA** Not regulated as a hazardous material or dangerous good for transportation.

**IMO/IMDG** Not regulated as a hazardous material or dangerous good for transportation.

**RID/ADR** Not regulated as a hazardous material or dangerous good for transportation.

**Marine Pollutant:** Not a pollutant

## 15. REGULATORY INFORMATION

**Chemical Safety Assessment :** Not Available

**Canada:** D2B. Possible irritation to eyes

**WHMIS Classification:**

**CPR: Compliance:** This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR.

**Hazard symbols and hazard statements for labelling:** No special labelling required

**R-Phrases:**

R36: Irritating to eyes.

**S-Phrases:**

S2: Keep out of the reach of children

S3/7/9: Keep container tightly closed in a cool, well-ventilated place.

S16: Keep away from sources of ignition - No smoking.

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S37/39: Wear suitable gloves and eye/face protection.

**Special provisions concerning the labelling of certain preparations:** Not available

**Authorization and/or restrictions on use:** Not available

**Other EU regulations:** Not available

**Information according 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline):** Not available

**National regulation Information:** Not available

## 16. OTHER INFORMATION

**NOTICE TO READER:**

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**Training instructions (as applicable):** Not applicable

**Recommended restrictions on use (as applicable):** Not applicable

**\*\*\*END OF SDS\*\*\***