

Product name: ZETASPERSE® 2500

SAFETY DATA SHEET

Classified in accordance with Health Canada Hazardous Products Regulations
(SOR/2015-17)

1. Identification

Product identifier:
ZETASPERSE® 2500

Recommended use of the chemical and restrictions on use

Recommended use: Industrial use
Recommended restrictions: None known.

Manufacturer/Importer/Distributor Information

Company Name : Evonik Canada Inc.
3380 South Service Road
L7N 3J5 Burlington ON
Canada

Telephone : +1 905 336 3423

Fax : +1 905 332 5632

E-mail : product-regulatory-services@evonik.com

Emergency telephone number:

24-Hour Health : +1 800 424 9300 (CHEMTREC - US & CANADA)
Emergency : 800 681 9531 (CHEMTREC MEXICO)
+1 703 527 3887 (CHEMTREC WORLD)
+1 613 996 6666 (CANUTEC – For Transportation Emergencies Only)
+1 973 929 8060 (Product Regulatory Services)

2. Hazard identification

Hazard Classification
According to Hazardous Products Regulations
Not classified

Label Elements

Hazard Symbol: No symbol

Signal Word: No signal word.

Hazard Statement: Not applicable

**Precautionary
Statements**

Product name: ZETASPERSE® 2500

**Physical Hazards Not
 Otherwise Classified:**
**Health Hazards Not
 Otherwise Classified:**

3. Composition/information on ingredients

Mixtures

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)* Reference quantity: Fraction (Weight)
Oxirane, methyl-, polymer with oxirane, 1,4-dimethyl-1,4-bis(2-methylpropyl)-2-butyne-1,4-diyl ether	No data available.	182211-02-5	1 - 5%
Benzenesulfonic acid, dodecyl-, compd. with 2-propanamine (1:1)	No data available.	26264-05-1	1 - 5%

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Description of necessary first-aid measures

General information:	Immediately remove contaminated clothing.
Inhalation:	fresh air supply, consult a doctor if feeling unwell.
Skin Contact:	In case of contact with skin wash off with soap and water. In case of discomfort: Supply with medical care.
Eye contact:	In case of contact with eyes rinse thoroughly with water. In case of discomfort: Supply with medical care.
Ingestion:	Thoroughly clean the mouth with water In case of discomfort: Supply with medical care.
Personal Protection for First-aid Responders:	No data available.

Most important symptoms/effects, acute and delayed

Symptoms:	Repeated and/or prolonged exposure to low concentrations of vapors and/or aerosols may cause: Sore throat.
Hazards:	No data available.

Indication of immediate medical attention and special treatment needed

Treatment:	Treat symptomatically.
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5. Fire-fighting measures

Product name: ZETASPERSE® 2500**Suitable (and unsuitable) extinguishing media****Suitable extinguishing media:** foam, carbon dioxide, dry powder, water spray.**Unsuitable extinguishing media:** High volume water jet.**Specific hazards arising from the chemical:** In the event of fire the following can be released: - carbon dioxide, carbon monoxide Under certain conditions of combustion traces of other toxic substances cannot be excluded**Special protective equipment and precautions for firefighters****Special fire fighting procedures:** No specific precautions.**Special protective equipment for fire-fighters:** Do not inhale explosion and/or combustion gases. Use self-contained breathing apparatus and wear protective suit**6. Accidental release measures****Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment.**Methods and material for containment and cleaning up:** Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with the regulations.**Environmental Precautions:** Do not allow to enter drains or waterways Prevent product from getting into subsoil/soil.**7. Handling and storage****Handling****Technical measures (e.g. Local and general ventilation):** No data available.**Safe handling advice:** Provide good ventilation of working area (local exhaust ventilation if necessary). Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes.**Contact avoidance measures:** No data available.**Storage****Safe storage conditions:** Keep container tightly closed in a cool, well-ventilated place. Keep away from direct sunlight. Protect from frost. Do not store with acids or alkalies Do not store together with oxidizing agents.**Safe packaging materials:** No data available.**8. Exposure controls/personal protection****Control Parameters****Occupational Exposure Limits**

Product name: ZETASPERSE® 2500

None of the components have assigned exposure limits.

Biological Limit Values

No biological exposure limits noted for the ingredient(s).

Appropriate Engineering Controls No data available.

Individual protection measures, such as personal protective equipment

Eye/face protection: Safety glasses

Skin Protection

Hand Protection: Additional Information: gloves made of nitril (NBR)

Other: protective clothing

Respiratory Protection: in case of formation of vapours/aerosols: Short term: filter apparatus, combination filter A-P2

Hygiene measures: Wash hands before breaks and immediately after handling the product. Do not eat, drink or smoke when working. Remove soiled or soaked clothing immediately.

9. Physical and chemical properties
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Information on basic physical and chemical properties
Appearance

Physical state: liquid

Form: liquid

Color: Pale yellow

Odor: Mild

Odor Threshold: not measured

Freezing point: not measured

Boiling Point: 201 °F/94 °C

Flammability: not measured

Upper/lower limit on flammability or explosive limits

Explosive limit - upper: not measured

Explosive limit - lower: not measured

Flash Point: > 212 °F/> 100 °C

Self Ignition Temperature: not measured

Decomposition Temperature: not measured

pH: 6 - 9 (77 °F/25 °C)

Viscosity

Dynamic viscosity: not measured

Kinematic viscosity: not measured

Flow Time: Not applicable

Solubility(ies)

Solubility in Water: not measured

Solubility (other): not measured

Partition coefficient (n-octanol/water): not measured

Vapor pressure: 26.666 hPa (77 °F/25 °C)

Relative density: not measured

Density: 1.05 g/cm³ (77 °F/25 °C)

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Bulk density: Not applicable**Relative vapor density:** not measured**Particle characteristics****Particle Size Distribution:** Not applicable**Specific surface area:** Not applicable**Surface charge/Zeta potential:** Not applicable**Assessment:** Not applicable**Shape:** Not applicable**Crystallinity:** Not applicable**Surface treatment:** Not applicable**Other information****Explosive properties:** not measured**Oxidizing properties:** not oxidizing**Minimum ignition temperature:** not measured**Metal Corrosion:** Does not corrode metal.**Evaporation Rate:** not measured**10. Stability and reactivity****Reactivity:** see section "Possibility of hazardous reactions".**Chemical Stability:** The product is stable under normal conditions.**Possibility of hazardous reactions:** No hazardous reactions with proper storage and handling**Conditions to avoid:** direct sunlight Freezing.**Incompatible Materials:** Oxidizing agent acids alkalines**Hazardous Decomposition Products:** None with proper storage and handling.**11. Toxicological information****Information on likely routes of exposure****Inhalation:** Information on effects are given below.**Skin Contact:** Information on effects are given below.**Eye contact:** Information on effects are given below.**Ingestion:** Information on effects are given below.**Information on toxicological effects****Acute toxicity (list all possible routes of exposure)****Oral****Product:** No data available.**Dermal****Product:** No data available.

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Inhalation

Product: No data available.
Not classified for acute toxicity based on available data.

Repeated dose toxicity

Product: No data available.

Skin Corrosion/Irritation

Product: No data available.

Serious Eye Damage/Eye Irritation

Product: Not irritating Rabbit: Not irritating

Respiratory or Skin Sensitization

Product: No data available.

Carcinogenicity

Product: No data available.

ACGIH: US.ACGIH Threshold Limit Values:

No carcinogens present or none present in regulated quantities

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2), as amended

No carcinogens present or none present in regulated quantities

Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act), as amended

No carcinogens present or none present in regulated quantities

Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety), as amended

No carcinogens present or none present in regulated quantities

Germ Cell Mutagenicity**In vitro**

Product: No data available.

Components:

Benzenesulfonic acid,
dodecyl-, compd. with 2-
propanamine (1:1) Ames test (OECD 471): negative

In vivo

Product: No data available.

Reproductive toxicity

Product: No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Aspiration Hazard

Product: Not classified

Information on health hazards**Other hazards**

Product: No data available.

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12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

Components:

Oxirane, methyl-, polymer with oxirane, 1,4-dimethyl-1,4-bis(2-methylpropyl)-2-butyne-1,4-diyl ether EC 50 (Algae (*Pseudokirchneriella subcapitata*), 96 h): 128 mg/l

Benzenesulfonic acid, dodecyl-, compd. with 2-propanamine (1:1) EC 50 (*Raphidocelis subcapitata* (freshwater green alga), 72 h): > 100 mg/l (OECD 201)

Toxicity to microorganisms

Product: No data available.

Chronic hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

Components:

Benzenesulfonic acid, dodecyl-, compd. with 2-propanamine (1:1) NOEC (*Raphidocelis subcapitata* (freshwater green alga), 72 h): 3.2 mg/l (OECD 201)

Toxicity to microorganisms

Product: No data available.

Persistence and Degradability

Biodegradation

Product: No data available.

BOD/COD Ratio

Product: No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.

Partition Coefficient n-octanol / water (log Kow)

Product: Log Kow: not measured

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Mobility in soil:

Product No data available.

Results of PBT and vPvB assessment:

Product No data available.

Other adverse effects:

Other hazards

Product: Do not allow to enter soil, waterways or waste water canal.

13. Disposal considerations

Disposal methods: In accordance with local authority regulations, take to special waste incineration plant

Contaminated Packaging: If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

14. Transport information

Domestic regulation

TDG

Not regulated as a dangerous good

Remarks : Not dangerous according to transport regulations.

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

15. Regulatory information

Canada Federal Regulations

List of Toxic Substances (CEPA, Schedule 1)

Not Regulated

Export Control List (CEPA 1999, Schedule 3)

Not Regulated

National Pollutant Release Inventory (NPRI)

Canada. National Pollutant Release Inventory (NPRI) Substances, Part 5, VOCs with Additional Reporting Requirements

NPRI PT5 Not Regulated

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Canada. National Pollutant Release Inventory (NPRI) (Schedule 1, Parts 1-4)
 NPRI Not Regulated

Greenhouse Gases
 Not Regulated

Canada. Substances Subject to Significant New Activity (SNAc) Reporting Requirements
 Not Regulated

Controlled Drugs and Substances Act

CA CDSI	Not Regulated
CA CDSII	Not Regulated
CA CDSIII	Not Regulated
CA CDSIV	Not Regulated
CA CDSV	Not Regulated
CA CDSVII	Not Regulated
CA CDSVIII	Not Regulated

Precursor Control Regulations
 Not Regulated

Inventory Status:

US TSCA Inventory:	Included on Inventory.	
Canada DSL Inventory List:	Included on Inventory.	

16. Other information, including date of preparation or last revision

Issue Date: 06/14/2021

Version #: 1.2
Further Information: No data available.

Revision Information: Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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