

# SAFETY DATA SHEET



## 1. Identification

**Product identifier** GLUture Topical Tissue Adhesive

**Other means of identification**  
**Synonyms**

GLUture® \* Topical Vet Adhesive

**Recommended use** Veterinary product used as Adhesive.

**Recommended restrictions** Not for human use

### Manufacturer/Importer/Supplier/Distributor information

**Company Name (USA)** Zoetis Inc.  
10 Sylvan Way  
Parsippany, New Jersey 07054 (USA)

**Rocky Mountain Poison & Drug Safety** 1-866-531-8896

**Product Support/Technical Services** 1-888-963-8471

**Emergency telephone numbers** CHEMTREC (24 hours): 1-800-424-9300

International CHEMTREC (24 hours): +1-703-527-3887

**Company Name (CA)** Zoetis Canada Inc.  
16740 Trans-Canada Highway  
Kirkland, Quebec, H9H 4M7

**Emergency telephone number** CHEMTREC (24 hours): 1-800-424-9300

**Contact E-Mail** productsupport@zoetis.com

**Product Support** 1-800-461-0917

All Safety Data Sheets are available via our Zoetis Canada website at  
<https://www.zoetis.ca/sds/sds.aspx>

**Supplier** Not available.

## 2. Hazard identification

**Physical hazards** Flammable liquids Category 4

**Health hazards** Skin corrosion/irritation Category 2  
Serious eye damage/eye irritation Category 2A  
Sensitization, skin Category 1

**Environmental hazards** Not classified.

### Label elements



**Signal word** Warning

**Hazard statement** Combustible liquid. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.

## Precautionary statement

### Prevention

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid breathing mist/vapours. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

### Response

IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. In case of fire: Use appropriate media to extinguish.

### Storage

Store in a well-ventilated place.

### Disposal

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

## Supplemental information

May cause mucous membrane and respiratory tract irritation.

## Other hazards

None known.

## 3. Composition/information on ingredients

### Mixtures

| Chemical name         | Common name and synonyms | CAS number  | %     |
|-----------------------|--------------------------|-------------|-------|
| 2-Octyl Cyanoacrylate |                          | 133978-15-1 | 60    |
| N-Butyl Cyanoacrylate |                          | 6606-65-1   | 40    |
| D&C Violet #2         |                          | 81-48-1     | <0.01 |

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

## 4. First-aid measures

### Inhalation

Move to fresh air. For breathing difficulties, oxygen may be necessary. Call a POISON CENTRE or doctor/physician if you feel unwell.

### Skin contact

In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse. Obtain medical advice/assistance immediately. If unintended bonding of skin tissue occurs, peel off the adhesive, but do not pull skin apart. Application of petroleum jelly or acetone may help loosen the bond. As the epidermal layer grows, the adhesive will naturally slough off.

### Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention immediately. If residual adhesive remains, apply topical ophthalmic ointment to help loosen the bond. Do not pull eye lids apart.

### Ingestion

IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician. Rinse mouth. Never give anything by mouth to an unconscious person. Product will polymerize rapidly adhering to the mouth. Ensure breathing passages are clear. Saliva will separate any solidified product within two days. Prevent accidental swallowing.

### Most important symptoms/effects, acute and delayed

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

### Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Symptoms may be delayed.

### General information

Wash contaminated clothing before reuse. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. For personal protection, see section 8 of the SDS. IF exposed or concerned: Get medical advice/attention.

## 5. Fire-fighting measures

### Suitable extinguishing media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

### Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

### Specific hazards arising from the chemical

The product is combustible, and heating may generate vapours which may form explosive vapour/air mixtures. During fire, gases hazardous to health may be formed.

### Special protective equipment and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

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| <b>Fire fighting equipment/instructions</b> | In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. |
| <b>Specific methods</b>                     | Use standard firefighting procedures and consider the hazards of other involved materials.                           |
| <b>General fire hazards</b>                 | Combustible liquid.  |

## 6. Accidental release measures

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| <b>Personal precautions, protective equipment and emergency procedures</b> | Keep unnecessary personnel away. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not get in eyes, on skin, or on clothing. Do not breathe mist or vapour. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. Avoid contact with eyes, skin, and clothing. For personal protection, see section 8 of the SDS.   |
| <b>Methods and materials for containment and cleaning up</b>               | <p>Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation.</p> <p>Large Spills: Stop the flow of material, if this is without risk. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Clean contaminated surface thoroughly.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p> <p>Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.</p> |
| <b>Environmental precautions</b>   | Avoid discharge into drains, water courses or onto the ground.   |

## 7. Handling and storage

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| <b>Precautions for safe handling</b>                                | Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Do not taste or swallow. Use this product with adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Wear appropriate personal protective equipment. Wash thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices. Combustible Liquid. |
| <b>Conditions for safe storage, including any incompatibilities</b> | Protect from moisture. Do not handle or store near an open flame, heat or other sources of ignition. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Store below 30°C (86°F). Store away from incompatible materials (see Section 10 of the SDS).   |

## 8. Exposure controls/personal protection

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| <b>Occupational exposure limits</b>  | No exposure limits noted for ingredient(s).   |
| <b>Biological limit values</b>   | No biological exposure limits noted for the ingredient(s).  |
| <b>Control banding approach</b>  | Not available.  |
| <b>Appropriate engineering controls</b>                                      | Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Ensure adequate ventilation, especially in confined areas. Provide eyewash station and safety shower. |
| <b>Individual protection measures, such as personal protective equipment</b> |   |
| <b>Eye/face protection</b>   | If contact is likely, safety glasses with side shields are recommended.   |
| <b>Skin protection</b>   |   |
| <b>Hand protection</b>   | Wear appropriate chemical resistant gloves.   |
| <b>Other</b>   | Use protective clothing (uniforms, lab coats, disposable coveralls, etc.) in both production and laboratory areas.  |
| <b>Respiratory protection</b>  | If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Chemical respirator with organic vapour cartridge and full facepiece.   |

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| <b>Thermal hazards</b>                | Not applicable.   |
| <b>General hygiene considerations</b> | When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace. |

## 9. Physical and chemical properties

|   |  |
|---|--|
| <b>Physical state</b>   | Liquid.  |
| <b>Form</b>   | Liquid.  |
| <b>Colour</b>   | Purple   |
| <b>Odour</b>  | Pungent.   |
| <b>Melting point/freezing point</b>                             | Not available.                                   |
| <b>Boiling point or initial boiling point and boiling range</b> | > 83 - < 84 °C (> 181.4 - < 183.2 °F)            |
| <b>Flammability</b>   | Not applicable.                                  |
| <b>Upper/lower flammability or explosive limits</b>             |  |
| <b>Explosive limit - lower ( %)</b>                             | Not available.                                   |
| <b>Explosive limit – upper (%)</b>                              | Not available.                                   |
| <b>Flash point</b>  | >85.0 °C (>185.0 °F)                             |
| <b>Auto-ignition temperature</b>                                | Not available.                                   |
| <b>Decomposition temperature</b>                                | Not available.                                   |
| <b>pH</b>   | Not available.                                   |
| <b>Kinematic viscosity</b>                                      | Not available.                                   |
| <b>Solubility</b>   |  |
| <b>Solubility (water)</b>                                       | Insoluble (polymerizes in the presence of water) |
| <b>Partition coefficient (n-octanol/water) (log value)</b>      | Not available.                                   |
| <b>Vapour pressure</b>  | <0.4 mm Hg @ 25C/77F                             |
| <b>Density and/or relative density</b>                          | Not available.                                   |
| <b>Vapour density</b>   | Not available.                                   |
| <b>Particle characteristics</b>                                 | Not available.                                   |
| <b>Other information</b>  |  |
| <b>Explosive properties</b>                                     | Not explosive.                                   |
| <b>Flammability class</b>                                       | Combustible IIIA estimated                       |
| <b>Oxidising properties</b>                                     | Not oxidising.                                   |
| <b>Specific gravity</b>   | 1 @ 20C/68F                                      |

## 10. Stability and reactivity

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| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport.   |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.   |
| <b>Possibility of hazardous reactions</b> | No dangerous reaction known under conditions of normal use. Polymerization can occur. Polymerizes in the presence of water.   |
| <b>Conditions to avoid</b>                | Moisture. Sunlight. Contact with incompatible materials. Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point.  |
| <b>Incompatible materials</b>             | Water, moisture. Strong oxidising agents. Acids. Alkalies. Amines. Cotton.  |
| <b>Hazardous decomposition products</b>   | Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition. Carbon oxides. Nitrogen oxides (NOx). Hydrogen cyanide (hydrocyanic acid). |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Under normal conditions of intended use, this material is not expected to be an inhalation hazard.  |
| <b>Skin contact</b> | Causes skin irritation. May cause an allergic skin reaction. Will bond skin. May cause burns if dropped on clothing in contact with skin. |
| <b>Eye contact</b>  | Causes serious eye irritation. May cause eye lids to bond.  |
| <b>Ingestion</b>    | May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.                       |

|   |   |
|---|---|
| <b>Symptoms related to the physical, chemical and toxicological characteristics</b> | Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash. May cause respiratory irritation. |
|---|---|

### Information on toxicological effects

|   |  |
|---|--|
| <b>Acute toxicity</b>                                     | Allergic reactions are possible.   |
| <b>Skin corrosion/irritation</b>                          | Causes skin irritation.  |
| <b>Serious eye damage/eye irritation</b>                  | Causes serious eye irritation.   |
| <b>Respiratory or skin sensitisation</b>                  |  |
| <b>Respiratory sensitisation</b>                          | Not a respiratory sensitiser.  |
| <b>Skin sensitisation</b>                                 | May cause an allergic skin reaction.   |
| <b>Germ cell mutagenicity</b>                             | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |
| <b>Carcinogenicity</b>                                    | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.                                  |
| <b>Reproductive toxicity</b>                              | This product is not expected to cause reproductive or developmental effects.                                     |
| <b>Specific target organ toxicity - single exposure</b>   | Not classified.  |
| <b>Specific target organ toxicity - repeated exposure</b> | Not classified.  |
| <b>Aspiration hazard</b>                                  | Not an aspiration hazard.  |

## 12. Ecological information

|                                      |  |
|--------------------------------------|--|
| <b>Ecotoxicity</b>                   | Avoid release to the environment. The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
| <b>Persistence and degradability</b> | No data is available on the degradability of this product.   |
| <b>Bioaccumulative potential</b>     | No data available.   |
| <b>Mobility in soil</b>              | No data available.   |
| <b>Other adverse effects</b>         | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.  |

## 13. Disposal considerations

|                                   |  |
|-----------------------------------|--|
| <b>Disposal instructions</b>      | Avoid release to the environment. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. Considering the relevant known environmental and human health hazards of the material, review and implement appropriate technical and procedural waste water and waste disposal measures to prevent occupational exposure and environmental release. It is recommended that waste minimization be practiced. The best available technology should be utilized to prevent environmental releases. This may include destructive techniques for waste and wastewater. |
| <b>Local disposal regulations</b> | Dispose in accordance with all applicable regulations.   |
| <b>Hazardous waste code</b>       | The waste code should be assigned in discussion between the user, the producer and the waste disposal company. None known.   |

**Waste from residues / unused products**

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

**Contaminated packaging**

Since emptied containers may retain product residue, follow label warnings even after container is emptied.

**14. Transport information****TDG**

Not regulated as dangerous goods.

**IATA**

Not regulated as dangerous goods.

**IMDG**

Not regulated as dangerous goods.

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

Not established.

**15. Regulatory information****Canadian regulations**

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

**Controlled Drugs and Substances Act**

Not regulated.

**Export Control List (CEPA 1999, Schedule 3)**

Not listed.

**Greenhouse Gases**

Not listed.

**Precursor Control Regulations**

Not regulated.

**International regulations****Stockholm Convention**

Not applicable.

**Rotterdam Convention**

Not applicable.

**Kyoto Protocol**

Not applicable.

**Montreal Protocol**

Not applicable.

**Basel Convention**

N-Butyl Cyanoacrylate (CAS 6606-65-1)

**International Inventories**

| Country(s) or region | Inventory name   | On inventory (yes/no)* |
|----------------------|--|------------------------|
| Australia            | Australian Inventory of Industrial Chemicals (AICIS)                   | No                     |
| Canada               | Domestic Substances List (DSL)   | No                     |
| Canada               | Non-Domestic Substances List (NDSL)                                    | Yes                    |
| China                | Inventory of Existing Chemical Substances in China (IECSC)             | No                     |
| Europe               | European Inventory of Existing Commercial Chemical Substances (EINECS) | No                     |
| Europe               | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                | Inventory of Existing and New Chemical Substances (ENCS)               | No                     |
| Korea                | Existing Chemicals List (ECL)  | No                     |
| New Zealand          | New Zealand Inventory  | Yes                    |
| Philippines          | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | No                     |
| Taiwan               | Taiwan Chemical Substance Inventory (TCSI)                             | Yes                    |

| Country(s) or region   | Inventory name                                | On inventory (yes/no)* |
|--|---|------------------------|
| United States & Puerto Rico  | Toxic Substances Control Act (TSCA) Inventory | Yes                    |
| *A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)<br>A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s). |   |                        |

16. Other information

|                      |  |
|----------------------|--|
| Issue date           | 05-June-2017   |
| Revision date        | 10-January-2025  |
| Version No.          | 02   |
| Disclaimer           | Zoetis Inc. believes that the information contained in this Safety Data Sheet is accurate, and while it is provided in good faith, it is without warranty of any kind, expressed or implied. If data for a hazard are not included in this document there is no known information at this time. The information in the sheet was written based on the best knowledge and experience currently available. |
| Revision information | This document has undergone significant changes and should be reviewed in its entirety.  |