



Section 1: Identification of the Substance or Mixture and of the Supplier

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| Product Name | GN-ToothpasteKidsBerrylicious70g |
| Product Code | FT-2472 |
| Synonyms | Grin Natural Products Ltd |
| Recommended Use | Childrens Toothpaste |
| Supplier | |
| Emergency Contact details | |
| Manufacturer | |

Section 2: Hazards Identification

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| Dangerous Goods Classification (according to NZS5433: 2012) | This product is not classified as Dangerous Goods. |
| Hazard Classification | Not Hazardous as defined by the minimum degrees of hazard regulations of the HSNO Act. <i>(Statement of hazard or dangerous nature as decided according to legislation.)</i> |
| ERMA Approval / Group Standard number? | Not applicable. |

Section 3: Composition / Information on Ingredients

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| Classification and type | A thick white opaque gel with paste-like consistency with characteristic aroma of strawberry. No crystallisation or lumps. Childrens Toothpaste | | |
| Mixture | Yes / No | | |
| Ingredients | CAS Number | % Input | Hazardous |
| Precipitated Calcium Carbonate | 471-34-1 | | Non-hazardous* |
| Palm-Free Glycerine | 56-81-5 | | Non-hazardous* |
| Distilled Water | 7789-20-0 | | Non-hazardous* |
| Xylitol | 87-99-0 | | Non-hazardous* |
| Lacoside | 11061-47-9 | | Non-hazardous* |
| Carrageenan gum (Viscarin GP209F) | 9064-57-7 | | Non-hazardous* |
| Strawberry Flavour ¹ | 9050-36-6, 9000-01-5, 57-55-6 | | Non-hazardous* |
| Sodium Monofluorophosphate | 10163-15-2 | | Non-hazardous* |
| Aloe vera 200x gel Powder Organic | 85507-69-3 | | Non-hazardous* |
| Xanthan Gum (Ticaxan200EC) | 11138-66-2 | | Non-hazardous* |
| Calendula Oil (Organic) infused in sunflower oil | 84776-23-8 / 8001-21-6 | | Non-hazardous* |



| Ingredients | CAS Number | % Input | Hazardous |
|------------------------------|-------------------------------------|---------|-------------------------|
| Sea Salt | 7647-14-5 | | Non-hazardous* |
| Fennel Seed Oil ⁴ | 8006-84-5/ 56-81-5/ 7789-20-0 | | Hazardous* ² |
| Menthol | 2216-51-5 | | Hazardous* ³ |

*Each raw material has been assessed against the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001 (Ministry for the Environment) and at the levels present in the final product or blend all raw materials have been deemed to be non-hazardous. Minimum degrees of hazard take the following into consideration when assessing if a material is hazardous: Explosive Properties, Flammable Properties, Oxidising Properties, Toxic Properties, Corrosive Properties and Ecotoxic Properties.

¹ Mixture of aromatic substances: Natural Flavour, Maltodextrin (MDO2), Gum Arabic, Propylene glycol (PG)

² Fennel Seed Oil is considered to be hazardous due to the following: Skin Sens. 1/ Muta 2/ Carc. 2 and Aqua Chronic 3. However in its final form and due to its very minor percentage input in the final product results in the final product to be Non-hazardous.

³ Menthol is considered hazardous due to the following: H315 - Causes skin irritation/ H319 - Causes serious eye irritation

product results in the final product to be Non-hazardous.

⁴ Mixture of Glycerine, Water and Foeniculum vulgare extractives

Section 4: First Aid Measure

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| Routes of Exposure | (Refer to First Aid measures from data) |
| If in EYES | Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. |
| If on SKIN (or hair) | Rinse off with water |
| If SWALLOWED | N/A |
| If INHALED | May cause mild irritation and sneezing. Relocate to fresh air. |
| Workplace facilities | No special requirements. |
| Note for medical personnel | No additional Information. |

Section 5: Fire Fighting Measures

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| Hazard Type | No hazard identified |
| Potential hazards from decomposition products | None Available. |
| Extinguishing media & methods | Fine water spray and extinguishers. |
| Recommended protective clothing | Fire fighters should wear protective clothing and approved respirators. |
| Has a HAZCHEM code been assigned? | None assigned. |

Section 6: Accidental Release Measures

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| Initial response | Recover spilt product by vacuum or broom and shovel. Reject spilt material– dispose of into approved landfill. |
| Land spills or leaks | Possibly harmful to aquatic life. Spilled product produces a slippery surface. Contain spillages. |
| Leaks into water systems | Possibly harmful to aquatic life. Excess quantities may have an effect on the BOD of water ways. |



| Section 7: Handling and Storage | |
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| Subsection 7.1: Handling | |
| Handling practices | No special handling requirements. |
| Subsection 7.2: Storage | |
| Store site requirements | No special storage requirements. |
| Packaging | No special packaging requirements. |

| Section 8: Exposure Controls / Personal Protection | |
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| Subsection 8.1: Workplace Exposure Guidelines (may also be considered in Section 2) | |
| Workplace exposure standards | No specific exposure levels. |
| Application in the workplace | Practices consistent with GMP. Minimise exposure of product. |
| Subsection 8.2: Engineering Controls | |
| Exposure control measures | Keep closed when not in use. |
| No Hazard indication | No hazards. |
| Ventilation specifications | No special ventilation required. |
| Subsection 8.3: Personal Protective Equipment (PPE) | |
| Detail specifications for equipment | No special requirements for personal protective equipment. |

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| General hygiene | Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in production and storage areas. |
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| Section 9: Physical and Chemical Properties | |
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| Physical State | Gel |
| Colour | Opaque |
| Odour | Strawberry |
| pH | 8.5 - 9.5 |
| Solubility | Soluble |
| Relative Vapour Density (air=1) | Not applicable |
| Boiling Point | Not applicable |
| Freezing Point | Not determined |
| Melting Point | Not applicable |
| Ignition Point | Not determined |
| Flash Point | Not determined |
| Specific Gravity | Not determined |
| Vapour Pressure | Not determined |
| % Volatiles | Not determined |
| Evaporation Rate | Not determined |

| Section 10: Stability and Reactivity | |
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| Chemical Stability | Chemically stable |
| Conditions to avoid | High temperature and exposure to light and air |
| Incompatibility | None known |



Section 11: Toxicological Information

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| Product Toxicity Data | LD ₅₀ ≥ 5000 mg/kg bodyweight. Not toxic. |
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Section 12: Ecological Information

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| Potential Environmental Interactions | Possibly eco-toxic to aquatic life, however not confirmed. |
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Section 13: Disposal Considerations

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| Disposal Information | For small amounts, place into bags and dispose in landfill. |
| Packaging | Dispose of tubes in landfill. Recycle outer container. |

Section 14: Transport Information

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| Hazardous for Transport under NZS5433:2007? | No |
| Additional Information | None |

Section 15: Regulation Information

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| Regulatory Status | Compliant to GMP code |
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Section 16: Other Information

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| Additional Information | <p>http://www.ermanz.govt.nz/search-databases/Pages/HSNO-CCID.aspx</p> <p>http://www.ermanz.govt.nz/search-databases/Pages/controls-search.aspx</p> |
| Abbreviations | <p>STEL: Short Term Exposure Limit (15 min)</p> <p>TWE: Time Weighed Average (based on 8 hours / 40 hour week in ppm / mg per cm³)</p> |
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| Revision Date | New |