


## Safety Data Sheet

1) Identification of the substance/mixture and of the company	
1.1 Product Identifier	X3 Germ Attack hand sanitizer X3 Clean hand sanitizer On the Go Kids antiseptic foam On the Go antiseptic spray
1.2 Relevant identified uses of the substance and uses advised against	hand disinfectant
1.3 Supplier of the Safety Data Sheet	 X3 Labs Inc 12 Station Lane Unionville, ON L3R 1R3 Canada 877-977-0299
1.4 Emergency Telephone number	877-977-0299

2) Hazards Identification	
Emergency Overview	<p>May cause eye irritation. This product is intended for use as a hand sanitizer and is expected to contact the skin. No unusual hazards expected under normal and reasonably foreseeable use.</p> <p>This SDS should be retained and available for employees and other users of this product. For specific intended-use guidance, please refer to the information provided on the package or instruction sheet.</p>
2.1 Classification of the substance Regulation (EC) No 1272/2008	Non-hazardous
2.2 Label elements Hazard pictograms Signal word Hazard statements	n/a n/a n/a
2.3 Other Hazards	None known

<b>3) Composition/Information on Ingredients</b>			
<b>Chemical Ingredients</b>	<b>CAS Number</b>	<b>EC Number</b>	<b>Percent Range</b>
Benzalkonium chloride	8001-54-5	264-151-6	0.12-0.14%
<b>Other ingredients:</b> Purified water, Cocamidopropyl betaine, Glycerin			

<b>4) First Aid Measures</b>	
4.1 Description of first aid measures General Information	No special measures required
After inhalation	Unlikely route of exposure, consult medical professional in case of complaints
After skin contact	Wash off excess with water. This product is intended for use on the skin. Stop use and seek medical advice if redness, swelling, itching or burning occurs
After eye contact	Remove contact lenses if worn. Flush eyes with water for several minutes
After ingestion	Rinse out mouth, and then drink plenty of water. Do not induce vomiting. Consult medical professional in case of complaints
4.2 Most important symptoms and effects, both acute and delayed Hazards	None No further relevant information is available
4.3 Indication of any immediate medical attention and special treatment needed	No further relevant information is available

<b>5) Firefighting Measures</b>	
5.1 Extinguishing media Suitable extinguishing agents For safety reasons, unsuitable extinguishing agents	Water, water fog, foam, carbon dioxide, dry chemical
5.2 Special hazards arising from the substance	None
5.3 Advice for firefighters Protective equipment	Wear self contained respiratory protective device Wear fully protected suit
Additional information	No further relevant information is available

<b>6) Accidental release measures</b>	
6.1 Personal precautions, protective equipment and emergency procedures	None required
6.2 Environmental precautions	No special measure required
6.3 Methods and material for containment and cleaning up	Pick up mechanically
6.4 References to other sections	See Section 7 for safe handling See Section 8 for personal protection equipment See Section 13 for disposal information

<b>7) Handling and storage</b>	
7.1 Precautions for safe handling	None required
7.2 Conditions for safe storage, including any incompatibles	Avoid storage near extreme heat, ignition sources or open flame Protect from freezing –store between 5°C and 30°C Protect from humidity and water
Information about storage in a common storage facility	Protect from freezing –store between 5°C and 30°C
7.3 Specific end uses	No further relevant information is available

<b>8) Exposure controls/personal protection</b>	
8.1 Control parameters Ingredients with limit values that require monitoring at the workplace DNELs PNECs	None  No further relevant information is available No further relevant information is available
8.2 Exposure controls Personal protective equipment General protective and hygienic measures Respiratory protection Protection of hands Eye protection Body protection Limitation and supervision of exposure into the environment Risk management measures	None required Not required under normal conditions of use Not required Not required under normal conditions of use Not required  No further relevant information is available No further relevant information is available See Section 7

<b>9) Physical and chemical properties</b>	
9.1 Information on basic physical and chemical properties Appearance: Form/Colour/ Odour Odour threshold pH-value Change in condition: Melting point/Melting range: Boiling point/Boiling range Flash point Flammability (solid, gaseous) Ignition temperature Decomposition temperature Self-igniting Danger of explosion Explosion limits: Lower/Upper Vapour pressure	Liquid/Colourless/Mild Not determined 7.00 +/- 1.00  ~0°C (32°F) ~100°C (212°F) None n/a - liquid Not determined Not determined Product is not self-igniting Product does not present an explosion hazard  n/a Same as water

<p>9.1 Information on basic physical and chemical properties (continued)</p> <p>Density:</p> <p>Relative density</p> <p>Vapour density</p> <p>Evaporation rate</p> <p>Solubility in / Miscibility with water</p> <p>Partition coefficient (n-octanol/water)</p> <p>Viscosity:</p> <p>Dynamic</p> <p>Kinematic:</p>	<p>1 g/cm<sup>3</sup></p> <p>Not determined</p> <p>1.0</p> <p>Soluble</p> <p>Not determined</p> <p>n/a</p> <p>n/a</p>
<p>9.2 Other information</p>	<p>No further relevant information available</p>

10) Stability and reactivity	
10.1 Reactivity	
10.2 Chemical stability Thermal decomposition / conditions to be avoided	No decomposition if used and stored according to specifications
10.3 Possibility of hazardous reactions	Strong oxidizers, reducing agents, acids and alkaline agents
10.4 Conditions to avoid	Contact with strong oxidizers, reducing agents, acids and alkaline agents
10.5 Incompatible materials	Oxidizing agents
10.6 Hazardous decomposition products	Carbon monoxide, carbon dioxide. Chlorine

11) Toxicological information	
<p>11.1 Information on toxicological effects</p> <p>Acute toxicity</p> <p>Primary irritant effect:</p> <ul style="list-style-type: none"> <li>· on the skin:</li> <li>· on the eye:</li> </ul> <p>by ingestion</p> <p>Chronic Effects</p> <p>Carcinogenicity</p>	<p>No irritant effect</p> <p>Slight irritant effect on eyes</p> <p>May cause irritation, abdominal pain, and diarrhea</p> <p>Not expected to have chronic health effects</p> <p>Not expected to be carcinogenic</p>
<p>Additional toxicological information</p>	<p>The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.</p>



<b>12) Ecological information</b>	
12.1 Toxicity Aquatic toxicity	No further relevant information available
12.2 Persistence and degradability	No further relevant information available
12.3 Bioaccumulative potential	No further relevant information available
12.4 Mobility in soil Additional ecological information:	This statement was deduced from the properties of the single components. Due to available data on eliminability/decomposition and bioaccumulation potential a prolonged damage of the environment is unlikely
12.5 Results of PBT and vPvB assessment · PBT: · vPvB:	n/a n/a
12.6 Other adverse effects	No further relevant information available

<b>13) Disposal considerations</b>	
13.1 Waste treatment methods · Recommendation  Uncleaned packaging: · Recommendation · Recommended cleansing agents:	Can be disposed of with domestic waste or incinerated with domestic waste  Disposal must be made according to local regulations. Water, if necessary together with cleansing agents.

<b>14) Transport information</b>	
14.1 UN Number DOT,ADR,ADN,IMDG,IATA	Not regulated
14.2 UN proper shipping name DOT,ADR,ADN,IMDG,IATA	Not regulated
14.3 Transport hazard classes DOT,ADR,ADN,IMDG,IATA	Not regulated
14.4 Packing group DOT,ADR,IMDG,IATA	Not regulated
14.5 Environmental hazards	Not regulated
14.6 Special precautions for user	n/a
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code UN "Model Regulation"	Not regulated -

<b>15) Regulatory information</b>	
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture a) United States (USA) - SARA Section 355 (extremely hazardous substances)	None of the ingredients is listed

<p>Section 313 (Specific toxic chemical listings) TSCA (Toxic Substances Control Act)</p> <p>Proposition 65 (California) Chemicals known to cause cancer Chemicals known to cause reproductive toxicity for females Chemicals known to cause reproductive toxicity for males Chemicals known to cause developmental toxicity</p> <p>Carcinogenic Categories EPA (Environmental Protection Agency) IARC (International Agency for Research on Cancer) TLV (Threshold Limit Value established by ACGIH) NIOSH-Ca (National Institute for Occupational Safety and Health) OSHA-Ca (Occupational Safety &amp; Health Administration)</p> <p>b) Canada <b>Canadian Domestic Substances List (DSL)</b> <b>Canadian Ingredient Disclosure list (limit 0.1%)</b> <b>Canadian Ingredient Disclosure list (limit 1%)</b></p>	<p>None of the ingredients is listed All of the components of this product are listed on the TSCA Inventory or exempted from TSCA.</p> <p>None of the ingredients is listed None of the ingredients is listed</p> <p>None of the ingredients is listed</p> <p>None of the ingredients is listed None of the ingredients is listed</p> <p>None of the ingredients is listed None of the ingredients is listed None of the ingredients is listed</p> <p>None of the ingredients is listed</p> <p>All of the ingredients are listed None of the ingredients is listed Benzalkonium chloride (BZK)</p>
<p>15.2 Chemical safety assessment</p>	<p>A chemical safety assessment has not been carried out</p>

<p><b>16) Other information</b></p>	
<p>NFPA ratings (scale 0-4)</p> <p>HMIS ratings (scale 0-4)</p>	 <p>Health = 0 Fire = 0 Reactivity = 0</p> 

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 is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.