

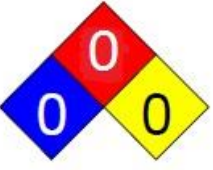



**Safety Data Sheet**  
According to 1907/2006/EC (REACH), 1272/2008/EC (CLP) and GHS

| 1) Identification of the substance/mixture and of the company          |  |
|--|--|
| 1.1 Product Identifier   | X3 Clean foaming hand sanitizer  |
| 1.2 Relevant identified uses of the substance and uses advised against | Liquid hand disinfectant   |
| 1.3 Supplier of the Safety Data Sheet                                  | <br>X3 Labs Inc<br>12 Station Lane<br>Unionville, ON<br>L3R 1R3 Canada<br>877-977-0299 |
| 1.4 Emergency Telephone number   | 877-977-0299   |

| 2) Hazards Identification  |  |
|--|--|
| 2.1 Classification of the substance<br>Classification according to Regulation (EC) 1272/2008<br>Classification according to Directive 67/548/EEC or Directive 199/45/EC<br>Information concerning particular hazards for human and environment   | Not classified<br><br>Not applicable<br><br>Ingredients are non-hazardous  |
| 2.2 Label elements<br>Labelling according to Regulation (EC) No 1272/2008<br>Hazard pictograms N/A<br>Signal word<br>Hazard statements<br>Additional information<br>Hazard description<br>WHMIS-symbols<br><br>NFPA ratings (scale 0-4)<br><br><br><br><br><br><br><br><br><br>HMIS ratings (scale 0-4)<br><br><br><br><br><br><br><br><br><br>HMIS Long Term Health Hazard Substances | n/a<br>n/a<br>n/a<br>n/a<br>Safety Data Sheets available upon request<br><br> Classes D 2 B<br><br> Health = 0<br>Fire = 0<br>Reactivity = 0<br><br> Health = 0<br>Fire = 0<br>Reactivity = 0<br><br>None of the ingredients are listed |

Trade name: X3 Clean foaming hand sanitizer

|  |            |
|--|------------|
| 2.3 Other Hazards<br>Results of PBT and vPvB assessment<br>PBT<br>vPvB | n/a<br>n/a |
|--|------------|

### 3) Composition/Information on Ingredients

|             |   |
|-------------|---|
| Description | Proprietary formula containing 0.13%Benzalkonium chloride, Purified water, Glycerin, and Cocamidopropyl betaine |
|-------------|---|

### 4) First Aid Measures

|  |  |
|--|--|
| 4.1 Description of first aid measures<br>General Information<br><br>After inhalation<br><br>After skin contact<br>After eye contact<br><br>After ingestion | No special measures required<br><br>Unlikely route of exposure, consult medical professional in case of complaints<br>No special measure required<br>Remove contact lenses if worn. Flush eyes with water for several minutes<br>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<br>Hazards   | None<br>No further relevant information is available   |
| 4.3 Indication of any immediate medical attention and special treatment needed   | No further relevant information is available   |

### 5) Firefighting Measures

|   |  |
|---|--|
| 5.1 Extinguishing media<br>Suitable extinguishing agents<br>For safety reasons, unsuitable extinguishing agents | Vaporized water, foam of carbon dioxide  |
| 5.2 Special hazards arising from the substance  | None   |
| 5.3 Advice for firefighters<br>Protective equipment<br><br>Additional information                               | Wear self contained respiratory protective device<br>Wear fully protected suit<br>No further relevant information is available |

### 6) Accidental release measures

|   |   |
|---|---|
| 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<br>See Section 8 for personal protection equipment<br>See Section 13 for disposal information |

| 7) Handling and storage                                      |   |
|--|---|
| 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<br>Protect from freezing –store between 5°C and 30°C<br>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  |

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

| 9) Physical and chemical properties  |  |
|--|--|
| 9.1 Information on basic physical and chemical properties<br>Appearance:<br>Form<br>Colour<br>Odour<br>Odour threshold<br>pH-value<br>Change in condition:<br>Melting point/Melting range: Undetermined.<br>Boiling point/Boiling range<br>Flash point<br>Flammability (solid, gaseous)<br>Ignition temperature<br>Decomposition temperature<br>Self-igniting<br>Danger of explosion | Liquid<br>Colourless<br>Mild<br>Not determined<br>7.00 +/- 1.00<br><br>Undetermined<br>Undetermined<br>n/a<br>Not determined<br>Not determined<br>Not determined<br>Product is not self-igniting |

|   |  |
|---|--|
| <p><i>9.1 Information on basic physical and chemical properties (continued)</i></p> <p>Explosion limits:<br/>Lower/Upper<br/>Vapour pressure<br/>Density:<br/>Relative density<br/>Vapour density<br/>Evaporation rate<br/>Solubility in / Miscibility with water<br/>Partition coefficient (n-octanol/water)<br/>Viscosity:<br/>Dynamic<br/>Kinematic:</p> | <p>Product does not present an explosion hazard<br/>Not determined<br/>n/a<br/><br/>Not determined<br/>Not determined<br/>Not determined<br/>Soluble<br/>Not determined<br/><br/>n/a<br/>n/a</p> |
| 9.2 Other information   | No further relevant information available  |

| <b>10) Stability and reactivity</b>   |   |
|---|---|
| 10.1 Reactivity   |   |
| 10.2 Chemical stability<br>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   |   |
| 10.6 Hazardous decomposition products                                       | CO, CO <sub>2</sub>   |

| <b>11) Toxicological information</b>   |   |
|--|---|
| <p>11.1 Information on toxicological effects<br/>Acute toxicity<br/>Primary irritant effect:<br/>· on the skin:<br/>· on the eye:<br/>by ingestion</p> | <p>No irritant effect<br/>Slight irritant effect on eyes<br/>May cause irritation, abdominal pain, and diarrhea</p>   |
| Additional toxicological information   | 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. |

| 12) Ecological information                                   |  |
|--|--|
| 12.1 Toxicity<br>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<br>Additional ecological information:  | This statement was deduced from the properties of the single components.<br>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<br>· PBT:<br>· vPvB: | n/a<br>n/a   |
| 12.6 Other adverse effects                                   | No further relevant information available  |

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

| 14) Transport information   |          |
|---|----------|
| 14.1 UN Number<br>DOT,ADR,ADN,IMDG,IATA   | n/a      |
| 14.2 UN proper shipping name<br>DOT,ADR,ADN,IMDG,IATA   | n/a      |
| 14.3 Transport hazard classes<br>DOT,ADR,ADN,IMDG,IATA  | n/a      |
| 14.4 Packing group<br>DOT,ADR,IMDG,IATA   | n/a      |
| 14.5 Environmental hazards  | n/a      |
| 14.6 Special precautions for user   | n/a      |
| 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code<br>UN "Model Regulation" | n/a<br>- |

| 15) Regulatory information  |  |
|---|--|
| <p>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</p> <p>a) United States (USA) - SARA</p> <p>Section 355 (extremely hazardous substances)</p> <p>Section 313 (Specific toxic chemical listings)</p> <p>TSCA (Toxic Substances Control Act)</p> <p>Proposition 65 (California)</p> <p>Chemicals known to cause cancer</p> <p>Chemicals known to cause reproductive toxicity for females</p> <p>Chemicals known to cause reproductive toxicity for males</p> <p>Chemicals known to cause developmental toxicity</p> <p>Carcinogenic Categories</p> <p>EPA (Environmental Protection Agency)</p> <p>IARC (International Agency for Research on Cancer)</p> <p>TLV (Threshold Limit Value established by ACGIH)</p> <p>NIOSH-Ca (National Institute for Occupational Safety and Health)</p> <p>OSHA-Ca (Occupational Safety &amp; Health Administration)</p> <p>b) Canada</p> <p><b>Canadian Domestic Substances List (DSL)</b></p> <p><b>Canadian Ingredient Disclosure list (limit 0.1%)</b></p> <p><b>Canadian Ingredient Disclosure list (limit 1%)</b></p> | <p>None of the ingredients is listed</p> <p>None of the ingredients is listed</p> <p>All ingredients are listed</p> <p>None of the ingredients is listed</p> <p>None of the ingredients is listed</p> <p>None of the ingredients is listed</p> <p>None of the ingredients is listed</p> <p>None of the ingredients is listed</p> <p>None of the ingredients is listed</p> <p>None of the ingredients is listed</p> <p>None of the ingredients is listed</p> <p>All of the ingredients are listed</p> <p>None of the ingredients is listed</p> <p>Benzalkonium chloride (BZK)</p> |
| 15.2 Chemical safety assessment   | A chemical safety assessment has not been carried out  |
| 16) Other information   |  |
|   | <p>This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.</p>  |