

## CLEANLAB FS SANITIZER CONCENTRATE

### Material Safety Data Sheet

<p><b>Section 1 : Manufacturer</b>  <b>Smartlab</b> : 333/29 Moo 9, 333 Factoryland,  Laharn, Bangbuatong, Nonthaburi 11110  <b>Tel</b> : 0 2964 4960 3  <b>Fax</b> : 0 2964 4965 66 <b>Product</b>  <b>Name</b> :  <b>CLEANLAB FS SANITIZER CONCENTRATE</b></p>	<p><b>Section 5 : Stability and Reactivity Data</b>  <b>Stability</b> :  The product is stable under normal condition.  <b>Incompatibility</b> : Reactive with anionic surfactant due to decrease efficiency of QAC.</p>															
<p><b>Section 2 : Hazardous Ingredients</b></p> <table border="1"> <thead> <tr> <th>Name</th> <th># CAS</th> <th>%</th> </tr> </thead> <tbody> <tr> <td>Alkyl Dimethyl Benzyl Ammonium Chloride</td> <td>68424-85-1</td> <td>4.40 – 3.60</td> </tr> <tr> <td>Octyl Decyl Dimethyl Ammonium Chloride</td> <td>32426-11-2</td> <td>3.30 – 2.70</td> </tr> <tr> <td>Didecyl Dimethyl Ammonium Chloride</td> <td>7173-51-5</td> <td>1.98 – 1.62</td> </tr> <tr> <td>Dioctyl Dimethyl Ammonium Chloride</td> <td>5538-94-3</td> <td>1.32 - 1.08</td> </tr> </tbody> </table>	Name	# CAS	%	Alkyl Dimethyl Benzyl Ammonium Chloride	68424-85-1	4.40 – 3.60	Octyl Decyl Dimethyl Ammonium Chloride	32426-11-2	3.30 – 2.70	Didecyl Dimethyl Ammonium Chloride	7173-51-5	1.98 – 1.62	Dioctyl Dimethyl Ammonium Chloride	5538-94-3	1.32 - 1.08	<p><b>Section 6 : Health Hazard Data</b>  <b>Potential acute health effects</b>  <b>Eye</b> :  Irritating to eye.  <b>Skin</b> : Irritating to skin.  <b>Inhalation</b> : Irritating to respiratory system.  <b>Ingestion</b> : may be fell nausea, vomit and diarrhea .</p>
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<p><b>Section 3 : Physical/Chemical Properties</b>  <b>Physical State</b> : Clear Liquid.  <b>Color</b> : Colorless and Red  <b>Odor</b> : -  <b>pH</b> : 6.00 – 7.00 (@ 100%)  <b>Boiling point</b> : &gt; 100° C.  <b>Specific gravity</b> : 0.90 – 1.00 (@ 25 deg.C)  <b>Solubility</b> : Mixed with water in all proportion on label.</p>	<p><b>Section 7 : First Aid Procedure</b>  <b>Eye Contact</b> : In case of contact, immediately flush eyes with cool running water. Remove contact lens and continue flushing with plenty of water for at least 15 minutes. Get medical attention if irritation persists.  <b>Skin Contact</b> : Wash with soap and water. Get medical attention if irritation occurs.  <b>Inhalation</b> : Remove to fresh air  <b>Ingestion</b> : Don't induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.</p>															
<p><b>Section 4 : Fire and Explosion Data</b>  <b>Flash point</b> : None  <b>Extinguishing Media</b> : Use media proper to the primary cause of fire.  <b>Special procedures</b> : None  <b>Fire Fighting Methods</b>: Use method appropriate for surrounding fire.</p>	<p><b>Section 8 : Spill or Leak Procedures</b>  <b>Spill Procedures</b> : Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.</p>															
<p><b>Section 9 : Handling and Storage</b>  <b>Precautions</b> : Keep locked up. Keep container dry. Keep away from children, heat and light. <b>Storage</b> : Keep container tightly closed. Keep container in a cool, well – ventilated area.</p>																

**Section 10 : Personal Protection**

**Eyes:** Wear chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.  
**Skin:** Wear any industrial rubber gloves, synthetic apron, and other protective equipment as necessary to prevent skin contact.  
**Respiratory:** Avoid breathing mists or vapors of this product. **Note:** Provide access to emergency eye wash and shower.

**Section 11 : Toxicological Information**

**Routes of Entry:** Absorbed through skin. Dermal contact. Eye contact.  
**Toxicity of Animals :**  
Acute oral toxicity (LD50) : 3,660 mg/kg (oral rat)

**Section 12 : Ecological Information**

**Ecotoxicity :** This product has had biodegradable surfactant and easy to degrade in the environment.

**Section 13 : Disposal Considerations**

**Waste Disposal :** Waste must be disposed of in accordance with federal, state and local environment control regulations.

**Section 14 : Transport Information**

**Regulation information and Dot Classification :** Not hazardous material.

**Section 15 : Other Regulatory Information**

**Hazardous Material Information System : HMIS (U.S.A)**

Health Hazard : 1

Fire Hazard : 0

Reactivity : 0

<b>Health</b>	<b>1</b>
<b>Fire Hazard</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>

**Section 16 : Other Information**

**Other Special Considerations :** Not available.