

**STARKOTE AQ-5002**

Version 1.6

Revision Date 05/21/2015

Print Date 05/29/2015

**SECTION 1. IDENTIFICATION**

Product name : STARKOTE AQ-5002

Product Use Description : AQUEOUS MATTE COATING SOFT FEEL

**Manufacturer or supplier's details**

 Company : ACTEGA Kelstar  
 1050 Taylors Lane  
 Cinnaminson, NJ 08077

Telephone : (800) 255-0021

Telefax : (856) 786-2860

Visit our web site : [www.actega.com](http://www.actega.com)

Emergency telephone number : Chemtrec Phone: 1-800-424-9300 / +1 703-527-3887

**SECTION 2. HAZARDS IDENTIFICATION**
**GHS Classification**

Not a hazardous substance or mixture.

**GHS Label element**

Not a hazardous substance or mixture.

**Other hazards**

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity: 26 %

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**
**Hazardous components**

| Component | CAS-No. | Concentration (%) |
|-----------|---------|-------------------|
| Wax       | -       | >= 1 - < 5        |

**SECTION 4. FIRST AID MEASURES**

 General advice : Get medical attention immediately if symptoms occur.  
 Treat symptomatically.

 If inhaled : If inhaled, remove to fresh air.  
 If breathing is difficult, give oxygen.  
 If not breathing, give artificial respiration.

 In case of skin contact : Remove contaminated clothing. Wash thoroughly with soap and water for at least 20 min. or until material is removed.  
 Wash contaminated clothing before re-use.

## STARKOTE AQ-5002

Version 1.6

Revision Date 05/21/2015

Print Date 05/29/2015

- Get medical attention if irritation develops and persists.
- In case of eye contact : If easy to do, remove contact lens, if worn.  
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Seek medical advice.
- If swallowed : Do NOT induce vomiting.  
Gently wipe or rinse the inside of the mouth with water.  
Obtain medical attention.

### SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Specific hazards during firefighting : Do not use a solid water stream as it may scatter and spread fire.
- Further information : Use water spray to cool unopened containers.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.  
Use personal protective equipment.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Ensure adequate ventilation.  
Use personal protective equipment.
- Environmental precautions : Prevent spilled material from entering the ground, water and/or air by using appropriate containment methods.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material.

### SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Use only in accordance with our recommendations.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.
- Materials to avoid : Keep away from oxidising agents and strongly acid or alkaline materials.

**STARKOTE AQ-5002**

Version 1.6

Revision Date 05/21/2015

Print Date 05/29/2015

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**
**Components with workplace control parameters**

| Components           | CAS-No. | Value type<br>(Form of exposure) | Control parameters /<br>Permissible concentration | Basis     |
|----------------------|---------|----------------------------------|---------------------------------------------------|-----------|
| Proprietary Defoamer | -       | TWA                              | 5 mg/m <sup>3</sup>                               | ACGIH     |
|                      |         | STEL                             | 10 mg/m <sup>3</sup>                              | ACGIH     |
|                      |         | TWA                              | 5 mg/m <sup>3</sup>                               | OSHA Z-1  |
| Wax                  | -       | TWA                              | 5 mg/m <sup>3</sup>                               | OSHA Z-1  |
|                      |         | TWA<br>(Fumes)                   | 2 mg/m <sup>3</sup>                               | ACGIH     |
|                      |         | TWA<br>(Fumes)                   | 2 mg/m <sup>3</sup>                               | NIOSH REL |
|                      |         | TWA<br>(Fumes)                   | 2 mg/m <sup>3</sup>                               | OSHA P0   |

**Engineering measures** : Handle only in a place equipped with local exhaust (or other appropriate exhaust).

**Personal protective equipment**

Hand protection

Material : Impervious gloves

Eye protection

: Safety glasses with side-shields  
Safety goggles

Skin and body protection

: Long sleeved clothing  
Chemical resistant apron  
Lightweight protective clothing

Protective measures

: Ensure that eye flushing systems and safety showers are located close to the working place.

Hygiene measures

: Handle in accordance with good industrial hygiene and safety practice.  
Wash hands before eating, drinking, or smoking.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : Aqueous solution

Colour : off-white

Odour : ammoniacal

**STARKOTE AQ-5002**

Version 1.6

Revision Date 05/21/2015

Print Date 05/29/2015

|                                        |                                                                                            |
|----------------------------------------|--------------------------------------------------------------------------------------------|
| Odour Threshold                        | : No data available                                                                        |
| pH                                     | : 8 - 9.4                                                                                  |
|                                        | : No data available                                                                        |
| Initial boiling point                  | : > 200.1 °F (> 93.4 °C)                                                                   |
| Flash point                            | : > 200.1 °F (> 93.4 °C)                                                                   |
| Evaporation rate                       | : No data available                                                                        |
| Upper explosion limit                  | : No data available                                                                        |
| Lower explosion limit                  | : No data available                                                                        |
| Vapour pressure                        | : No data available                                                                        |
| Relative vapour density                | : No data available                                                                        |
| Relative Density/Specific Gravity      | : 1.044 (68 °F (20 °C))                                                                    |
| Density                                | : 8.70 lb/gal                                                                              |
| Bulk density                           | : No data available                                                                        |
| Solubility(ies)                        |                                                                                            |
| Water solubility                       | : No data available                                                                        |
| Solubility in other solvents           | : No data available                                                                        |
| Partition coefficient: n-octanol/water | : No data available                                                                        |
| Auto-ignition temperature              | : No data available                                                                        |
| Thermal decomposition                  | : Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke). Nitrogen oxides (NOx) |
| Viscosity                              |                                                                                            |
| Viscosity, kinematic                   | : > 21 mm <sup>2</sup> /s (104 °F (40 °C))                                                 |

**SECTION 10. STABILITY AND REACTIVITY**

|                                    |                   |
|------------------------------------|-------------------|
| Possibility of hazardous reactions | : Acids and bases |
|------------------------------------|-------------------|

**STARKOTE AQ-5002**

Version 1.6

Revision Date 05/21/2015

Print Date 05/29/2015

Conditions to avoid : Keep away from open flames, hot surfaces and sources of ignition.

Hazardous decomposition products : Stable under recommended storage conditions.

**SECTION 11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

Eyes  
Skin contact  
Inhalation

**Acute toxicity****Product:**

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg  
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate : > 5,000 mg/kg  
Method: Calculation method

**Components:****- Wax:**

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg

**Skin corrosion/irritation****Product:**

Remarks: No data available

**Serious eye damage/eye irritation****Product:**

Remarks: No data available

**Respiratory or skin sensitisation****Product:**

Remarks: No data available

**Carcinogenicity****IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**STARKOTE AQ-5002**

Version 1.6

Revision Date 05/21/2015

Print Date 05/29/2015

**ACGIH**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**Repeated dose toxicity****Product:**

Remarks: No data available

**Further information****Product:**

Remarks: No data available

**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Product:**

Toxicity to fish :  
Remarks: No data available

Toxicity to daphnia and other :  
aquatic invertebrates : Remarks: No data available

**Persistence and degradability****Product:**

Biodegradability : Remarks: No data available

**Bioaccumulative potential****Product:**

Bioaccumulation : Remarks: No data available

**Mobility in soil**

No data available

**Other adverse effects**

No data available

## STARKOTE AQ-5002

Version 1.6

Revision Date 05/21/2015

Print Date 05/29/2015

**Product:**

Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

### SECTION 13. DISPOSAL CONSIDERATIONS

**Disposal methods**

Waste from residues : Dispose of in accordance with applicable local/municipal, state/provincial and federal regulations.  
 The hazard and precautionary statements displayed on the label also apply to any residues left in the container.

Contaminated packaging : Do not re-use empty containers.

### SECTION 14. TRANSPORT INFORMATION

**International Regulation****IATA-DGR**

Not regulated as a dangerous good

**IMDG-Code**

Not regulated as a dangerous good

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

Not applicable for product as supplied.

**National Regulations****49 CFR**

Not regulated as a dangerous good

### SECTION 15. REGULATORY INFORMATION

**WHMIS Classification** : D2B: Toxic Material Causing Other Toxic Effects

**EPCRA - Emergency Planning and Community Right-to-Know Act****CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

**STARKOTE AQ-5002**

Version 1.6

Revision Date 05/21/2015

Print Date 05/29/2015

**SARA 302 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a SARA 302 RQ.

**SARA 311/312 Hazards** : Acute Health Hazard

**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Clean Air Act**

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489).

VOC : 0.42 lb/gal  
4.85 %

Non-volatile information is not a specification.

**Massachusetts Right To Know**

Wax -

**Pennsylvania Right To Know**

Water 7732-18-5  
aliphatic urethane Not Assigned  
Wax -

**New Jersey Right To Know**

Water 7732-18-5  
aliphatic urethane Not Assigned  
Wax -  
Hydroxypropyl acrylate, acrylic acid  
polymer, ammonium salt Not Assigned

**California Prop 65**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.



**STARKOTE AQ-5002**

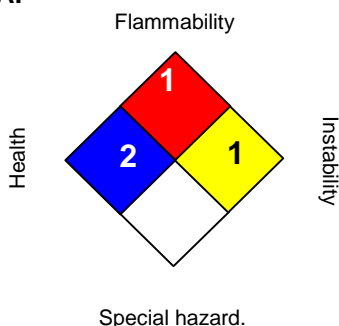
Version 1.6

Revision Date 05/21/2015

Print Date 05/29/2015

The components of this product are reported in the following inventories:

LISTED : Listed

**SECTION 16. OTHER INFORMATION**
**Further information**
**NFPA:**

**HMIS III:**

|                        |          |
|------------------------|----------|
| <b>HEALTH</b>          | <b>2</b> |
| <b>FLAMMABILITY</b>    | <b>1</b> |
| <b>PHYSICAL HAZARD</b> | <b>0</b> |

0 = not significant, 1 = Slight,  
 2 = Moderate, 3 = High  
 4 = Extreme, \* = Chronic

Revision Date : 05/21/2015

**DISCLAIMER:** The information in this document is believed to be correct as of the date issued. However, no warranty expressed or implied has been made regarding the accuracy or completeness of this information. The information presented in this data sheet represents a compilation of information generated from our suppliers and other recognized sources of scientific evidence and chemical information. Since the conditions of handling and use of this material are beyond our control, ACTEGA Kelstar, Inc. shall not be liable for any injury, loss, or damage direct, incidental or consequential, arising out of the use or inability to use this product. The seller and / or manufacturer's only obligations shall be to replace the product if it is defective, and shall not be liable for more than the cost of the product. Before using, the user shall determine the suitability of the product for its intended use, and assumes all risk and liability whatsoever in connections with the use of said product. The foregoing warranties are in lieu of all other warranties, written, oral, expressed, or implied. No other warranty is made concerning the suitability of this product. The foregoing warranties may not be altered except by an agreement signed by the officers of the seller and / or manufacturer.