

STARKOTE AQ-702-2

Version 1.4

Revision Date 05/21/2015

Print Date 05/21/2015

- 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-702-2

Version 1.4

Revision Date 05/21/2015

Print Date 05/21/2015

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Proprietary Defoamer	-	TWA	5 mg/m ³	ACGIH
		STEL	10 mg/m ³	ACGIH
		TWA	5 mg/m ³	OSHA Z-1
		TWA	5 mg/m ³	OSHA Z-1
Wax	-	TWA (Fumes)	2 mg/m ³	ACGIH
		TWA (Fumes)	2 mg/m ³	NIOSH REL
		TWA (Fumes)	2 mg/m ³	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-702-2

Version 1.4

Revision Date 05/21/2015

Print Date 05/21/2015

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	:	>= 0.002 mmHg
	:	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 ² /s (104 °F (40 °C))

STARKOTE AQ-702-2

Version 1.4

Revision Date 05/21/2015

Print Date 05/21/2015

SECTION 10. STABILITY AND REACTIVITY

Possibility of hazardous reactions	: Acids and bases
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**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.

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.

STARKOTE AQ-702-2

Version 1.4

Revision Date 05/21/2015

Print Date 05/21/2015

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

Product:

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

STARKOTE AQ-702-2

Version 1.4

Revision Date 05/21/2015

Print Date 05/21/2015

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**

Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

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

SARA 302 Extremely Hazardous Substances Reportable Quantity

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

STARKOTE AQ-702-2

Version 1.4

Revision Date 05/21/2015

Print Date 05/21/2015

- 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).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCOMI Intermediate or Final VOC's (40 CFR 60.489):

Polypropylene glycol	25322-69-4	1.4 %
----------------------	------------	-------

VOC : 0.03 lb/gal
0.36 %

Non-volatile information is not a specification.

Massachusetts Right To Know

Wax	-
-----	---

Pennsylvania Right To Know

Water	7732-18-5
Hydroxypropyl acrylate, acrylic acid polymer, ammonium salt	Not Assigned
Acrylic Resin	Not Assigned
SURFACTANT	Not Assigned
Wax	-
Sodium hydroxide	1310-73-2
Zinc compounds	1314-13-2
Ammonia hydroxide	1336-21-6

New Jersey Right To Know

Water	7732-18-5
Hydroxypropyl acrylate, acrylic acid polymer, ammonium salt	Not Assigned
Acrylic Resin	Not Assigned
SURFACTANT	Not Assigned
Wax	-

STARKOTE AQ-702-2

Version 1.4

Revision Date 05/21/2015

Print Date 05/21/2015

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.

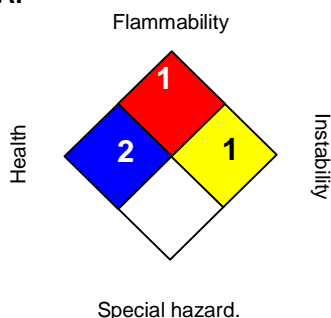
The components of this product are reported in the following inventories:

LISTED : Listed

SECTION 16. OTHER INFORMATION

Further information

NFPA:



HMIS III:

HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0

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.