

SAFETY DATA SHEET

**STARKOTE AQ-122-2**

Version 1.5

Revision Date 05/21/2015

Print Date 05/21/2015

SECTION 1. IDENTIFICATION

Product name : STARKOTE AQ-122-2

Product Use Description : AQUEOUS GLOSS PRIMER WORK & TURN

Manufacturer or supplier's detailsCompany : ACTEGA Kelstar
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Cinnaminson, NJ 08077

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Visit our web site : www.actega.com

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SECTION 2. HAZARDS IDENTIFICATION**GHS Classification**

Skin irritation : Category 2

Eye irritation : Category 2A

GHS Label element

Hazard pictograms :



Signal word : Warning

Hazard statements : H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**
 P264 Wash skin thoroughly after handling.
 P280 Wear eye protection/ face protection.
 P280 Wear protective gloves.

Response:
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P332 + P313 If skin irritation occurs: Get medical advice/ attention.
 P337 + P313 If eye irritation persists: Get medical advice/ attention.

STARKOTE AQ-122-2

Version 1.5

Revision Date 05/21/2015

Print Date 05/21/2015

P362 Take off contaminated clothing and wash before reuse.

Other hazards

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity: 6 %

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Component	CAS-No.	Concentration (%)
Isopropanol	67-63-0	>= 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.
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 : In the event of fire, wear self-contained breathing apparatus.

STARKOTE AQ-122-2

Version 1.5

Revision Date 05/21/2015

Print Date 05/21/2015

for firefighters

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.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Isopropanol	67-63-0	TWA	200 ppm	ACGIH
		STEL	400 ppm	ACGIH
		TWA	400 ppm 980 mg/m ³	OSHA Z-1
		TWA	400 ppm 980 mg/m ³	NIOSH REL
		ST	500 ppm 1,225 mg/m ³	NIOSH REL

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

Personal protective equipment

Hand protection

Material

: Impervious gloves

STARKOTE AQ-122-2

Version 1.5

Revision Date 05/21/2015

Print Date 05/21/2015

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	: white
Odour	: ammoniacal
Odour Threshold	: No data available
pH	: 8 - 9.4
Melting point/freezing point	: No data available 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

STARKOTE AQ-122-2

Version 1.5

Revision Date 05/21/2015

Print Date 05/21/2015

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) No data available
Viscosity	:	
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	> 21 mm ² /s (104 °F (40 °C))

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**Product:**

Acute oral toxicity : Remarks: No data available

Components:

STARKOTE AQ-122-2

Version 1.5

Revision Date 05/21/2015

Print Date 05/21/2015

67-63-0 Isopropanol:

Acute oral toxicity : LD50 (Rat): 5,840 mg/kg

Acute dermal toxicity : LD50 (Rabbit): 12,800 mg/kg

Skin corrosion/irritation**Product:**

Remarks: No data available

Components:**67-63-0 Isopropanol:**

Species: Rabbit

Result: Moderate skin irritation

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

Remarks: No data available

Components:**67-63-0 Isopropanol:**

Species: Rabbit

Result: Eye irritation

Respiratory or skin sensitisation**Product:**

Remarks: No data available

Components:**67-63-0 Isopropanol:**

Test Type: Buehler Test

Exposure routes: Dermal

Species: Guinea pig

Method: OECD Test Guideline 406

Result: Does not cause skin sensitisation.

GLP: yes

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

STARKOTE AQ-122-2

Version 1.5

Revision Date 05/21/2015

Print Date 05/21/2015

OSHA 0.1% is identified as a carcinogen or potential carcinogen by 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 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

STARKOTE AQ-122-2

Version 1.5

Revision Date 05/21/2015

Print Date 05/21/2015

Remarks

Stratospheric Ozone - CAA Section 602 Class I Substances

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-122-2

Version 1.5

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.

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

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

Isopropanol	67-63-0	1.3 %
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This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

Isopropanol	67-63-0	1.3 %
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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 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

Polypropylene glycol	25322-69-4	1.3 %
Isopropanol	67-63-0	1.3 %

VOC : 0.14 lb/gal
1.63 %

Non-volatile information is not a specification.

Massachusetts Right To Know

Isopropanol	67-63-0
Ammonia hydroxide	1336-21-6
Wax	-

Massachusetts Right To Know

Isopropanol	67-63-0
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Pennsylvania Right To Know

STARKOTE AQ-122-2

Version 1.5

Revision Date 05/21/2015

Print Date 05/21/2015

Sodium hydroxide	1310-73-2
Isopropanol	67-63-0
Hydroxypropyl acrylate, acrylic acid polymer, ammonium salt	Not Assigned
Water	7732-18-5
Zinc compounds	1314-13-2
Ammonia hydroxide	1336-21-6
Wax	-
Wax emulsion	Not Assigned
Anionic surfactant	Not Assigned
Acrylic/styrene copolymer	Not Assigned
1,2,3-propanetriyl trioleate	122-32-7

Pennsylvania Right To Know

Water	7732-18-5
Styrene-Acrylic Copolymer	52831-04-6
Acrylic Resin	Not Assigned
Hydroxypropyl acrylate, acrylic acid polymer, ammonium salt	Not Assigned
Inextricably Bound Solid	Not Assigned
SURFACTANT	Not Assigned
Isopropanol	67-63-0
Ammonia hydroxide	1336-21-6
Sodium hydroxide	1310-73-2

New Jersey Right To Know

Isopropanol	67-63-0
Hydroxypropyl acrylate, acrylic acid polymer, ammonium salt	Not Assigned
Water	7732-18-5
Ammonia hydroxide	1336-21-6
Wax	-
Wax emulsion	Not Assigned
Acrylic/styrene copolymer	Not Assigned
1,2,3-propanetriyl trioleate	122-32-7

New Jersey Right To Know

Water	7732-18-5
Styrene-Acrylic Copolymer	52831-04-6
Acrylic Resin	Not Assigned
Hydroxypropyl acrylate, acrylic acid polymer, ammonium salt	Not Assigned
Inextricably Bound Solid	Not Assigned
Isopropanol	67-63-0

California Prop 65

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

STARKOTE AQ-122-2

Version 1.5

Revision Date 05/21/2015

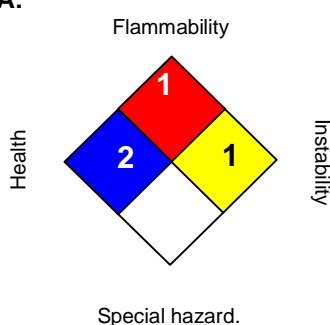
Print Date 05/21/2015

reproductive harm.

SECTION 16. OTHER INFORMATION

Further information

NFPA:



HMIS III:

HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	1

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

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