

**AB AQUASHADE**

Version 1.3

SDS Number: 000000036492

Revision Date: 2018.05.14

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**SECTION 1. IDENTIFICATION**

Product name : AB AQUASHADE

Product code : 000000036492

**Manufacturer or supplier's details**Company : Arch Chemicals, Inc.  
1200 Bluegrass Lakes Parkway  
Alpharetta, GA  
30004  
United States of America (USA)

E-mail address : sds@lonza.com

Emergency telephone number : In case of emergency call CHEMTREC US: 1-800-424-9300,  
CHEMTREC WORLD-WIDE: +1-703-527-3887.

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

Not a hazardous substance or mixture according to US Regulation 29 CFR 1910.1200

**GHS label elements**

Not a hazardous substance or mixture according to US Regulation 29 CFR 1910.1200

**Other hazards**None known.

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

Substance / Mixture : Mixture

**Hazardous components**Contains no hazardous ingredients according to GHS

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**SECTION 4. FIRST AID MEASURES**If inhaled : Move to fresh air.  
If unconscious, place in recovery position and seek medical advice.In case of skin contact : Take off all contaminated clothing immediately.  
Wash off immediately with plenty of water for at least 15 minutes.  
Call a physician if irritation develops or persists.In case of eye contact : In case of eye contact, remove contact lens and rinse immediately  
with plenty of water, also under the eyelids, for at least 15 minutes.  
Call a physician if irritation develops or persists.If swallowed : Drink water as a precaution.  
DO NOT induce vomiting or give anything by mouth to an unconscious or convulsing person.

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Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed : No information available.

Notes to physician : Treat symptomatically.

**SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media : Water  
Carbon dioxide (CO<sub>2</sub>)  
Foam

Specific hazards during firefighting : Heating or fire can release toxic gas.

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 : Use personal protective equipment.

Environmental precautions

General advice : Try to prevent the material from entering drains or water courses.

Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

**SECTION 7. HANDLING AND STORAGE**

Advice on safe handling : Avoid inhalation, ingestion and contact with skin and eyes.

Conditions for safe storage : Keep containers tightly closed in a dry, cool and well-ventilated place.  
Do not freeze.

Materials to avoid : No special restrictions on storage with other products.

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

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis

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2-Aminoethanol	141-43-5	TWA	3 ppm	ACGIH
		STEL	6 ppm	ACGIH
		STEL	6 ppm 15 mg/m3	NIOSH/GUIDE
		REL	3 ppm 8 mg/m3	NIOSH/GUIDE
		PEL	3 ppm 6 mg/m3	OSHA_TRANS
		TWA	3 ppm 8 mg/m3	Z1A
		STEL	6 ppm 15 mg/m3	Z1A
		STEL	6 ppm	CAD ON OEL
		TWA	3 ppm	CAD ON OEL

**Appropriate engineering controls****Personal protective equipment**

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection

Remarks : Wear protective gloves.

Eye protection : Safety glasses

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : liquid

Colour : no data available

Odour : None known.

Odour Threshold : no data available

pH : 4.2 - 4.7

Melting point/range : no data available

Boiling point/boiling range : 212 °F

Flash point : no data available

Evaporation rate : no data available

Flammability (solid, gas) : no data available

Upper explosion limit : no data available

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Lower explosion limit	:	no data available
Vapour pressure	:	not determined
Relative vapour density	:	not determined
Relative density	:	no data available
Solubility(ies) Water solubility	:	no data available
Partition coefficient: n- octanol/water	:	no data available
Auto-ignition temperature	:	not determined
Decomposition temperature	:	no data available
Viscosity Viscosity, dynamic	:	no data available
Viscosity, kinematic	:	not determined
Explosive properties	:	No hazards to be specially mentioned.
Oxidizing properties	:	no data available

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**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	Stable under recommended storage conditions.
Possibility of hazardous reactions	:	Stable under recommended storage conditions. No hazards to be specially mentioned.
Conditions to avoid	:	Heat
Incompatible materials	:	Oxidizing agents
Hazardous decomposition prod- ucts	:	No decomposition if used as directed.

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**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Acute oral toxicity	:	> 5,000 mg/kg
Acute dermal toxicity	:	> 2,000 mg/kg

**Skin corrosion/irritation**

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Skin irritation : Assessment: No skin irritation

**Serious eye damage/eye irritation**

Eye irritation : Assessment: No eye irritation

**Respiratory or skin sensitisation**

Sensitisation : Remarks: Non-sensitizing

**Germ cell mutagenicity**

Genotoxicity in vitro : Remarks: no data available

**Carcinogenicity**

Carcinogenicity : Result: no data available

**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.

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**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.

**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.

**Reproductive toxicity**

Effects on fertility : Remarks: no data available

**STOT - single exposure**

Remarks: no data available

**STOT - repeated exposure**

Remarks: no data available

**Aspiration toxicity**

No aspiration toxicity classification

**Further information**

Remarks: no data available

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity**

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Toxicity to fish : Remarks: no data available

**Persistence and degradability**

Biodegradability : Result: no data available

**Bioaccumulative potential**

Bioaccumulation : Remarks: no data available

**Mobility in soil**

Distribution among environmental compartments : Remarks: no data available

**Other adverse effects**

Ozone-Depletion Potential : Regulation: US. EPA Clean Air Act (CAA) Section 602 Ozone-Depleting Substances (40 CFR 82, Subpt. A, App A & B)  
 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).

Additional ecological information : no data available

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Waste from residues : If this product becomes a waste, it will be a nonhazardous waste. As a nonhazardous liquid waste, it should be disposed of in accordance with local, state and federal regulations.

**SECTION 14. TRANSPORT INFORMATION**

IATA : Not dangerous goods

**UN number** : Not applicable  
**Proper shipping name** : Not applicable  
**Transport hazard class** : Not applicable  
**Packing group** : Not applicable  
**Environmental hazards** : no

IMDG : Not dangerous goods

**UN number** : Not applicable  
**Proper shipping name** : Not applicable  
**Transport hazard class** : Not applicable  
**Packing group** : Not applicable  
**Environmental hazards** : Marine pollutant: no

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**ADR** : Not dangerous goods

**UN number** : Not applicable  
**Proper shipping name** : Not applicable  
**Transport hazard class** : Not applicable  
**Packing group** : Not applicable  
**Environmental hazards** : no

**RID** : Not dangerous goods

**UN number** : Not applicable  
**Proper shipping name** : Not applicable  
**Transport hazard class** : Not applicable  
**Packing group** : Not applicable  
**Environmental hazards** : no

**DOT** : Not dangerous goods

**UN number** : Not applicable  
**Proper shipping name** : Not applicable  
**Transport hazard class** : Not applicable  
**Packing group** : Not applicable  
**Environmental hazards** : no

**TDG** : Not dangerous goods

**UN number** : Not applicable  
**Proper shipping name** : Not applicable  
**Transport hazard class** : Not applicable  
**Packing group** : Not applicable  
**Environmental hazards** : no

**Special precautions for user** : none

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** : Not applicable

**SECTION 15. REGULATORY INFORMATION**

**This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals.**

Signal word : CAUTION!  
Hazard statements : Harmful if swallowed.  
Harmful if absorbed through skin.  
Causes moderate eye irritation.  
EPA No. : 33068-1

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**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.

**SARA 311/312 Hazards**

See above: SECTION 2. Hazard Identification-GHS Classification

**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 112 (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).

**Clean Water Act**

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

**US State Regulations****Massachusetts Right To Know**

Components	CAS-No.
CI Food Blue 2	3844-45-9

**Pennsylvania Right To Know**

Components	CAS-No.
Water	7732-18-5



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CI Food Blue 2	3844-45-9
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**New Jersey Right To Know**

Components	CAS-No.
Water	7732-18-5
CI Food Blue 2	3844-45-9
tartrazine C.I.19140	1934-21-0

**New York City Hazardous Substances**

No components listed on the New York City Hazardous Substances List

**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.

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**SECTION 16. OTHER INFORMATION**

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.