

AQUACER 595

Version 4

Revision Date 02/05/2016

Print Date 02/05/2016

SECTION 1. IDENTIFICATION

Product name : AQUACER 595

Manufacturer or supplier's details

Company : BYK USA Inc.
524 South Cherry Street
Wallingford CT 06492

Telephone : (203) 265-2086
Visit our web site : www.byk.com
E-mail address : ehs.byk.usa@altana.com
Emergency telephone : 203-265-2086; CHEMTREC 1-800-424-9300 / +1 703-527-3887
number

Recommended use of the chemical and restrictions on use

Recommended use : Wax Additive

Restrictions on use : Refer to Section 15 for any restrictions that may apply

SECTION 2. HAZARDS IDENTIFICATION**GHS Classification**

Serious eye damage : Category 1

GHS Label element

Hazard pictograms :



Signal word : Danger

Hazard statements : H318 Causes serious eye damage.

Precautionary statements : **Prevention:**
P280 Wear eye protection/ face protection.
Response:
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

AQUACER 595

Version 4

Revision Date 02/05/2016

Print Date 02/05/2016

Chemical nature : Non-ionic aqueous emulsion of a modified polypropylene wax

Hazardous components

Component	CAS-No.	Concentration (%)
Fatty alcohol, alkoxyated	61827-42-7	>= 9 - < 10

SECTION 4. FIRST AID MEASURES

- If inhaled : Remove to fresh air. Administer artificial respiration if necessary. Get medical aid as soon as possible.
- In case of skin contact : In case of skin contact
Remove contaminated clothing. Wash thoroughly with soap and water. If irritation develops, get medical aid.
- In case of eye contact : Immediately flush with plenty of water for at least 30 minutes.
Get medical aid.
- If swallowed : Do not induce vomiting. Get immediate medical attention.
Never give anything by mouth to an unconscious person.
- Most important symptoms and effects, both acute and delayed : No information available.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Foam
Carbon dioxide (CO₂)
Dry chemical
- Unsuitable extinguishing media : No information available.
- Specific hazards during firefighting : Will not explode on mechanical impact.
Water solution - will not support combustion.
- Hazardous combustion products : Carbon oxides
Sulphur oxides
- Further information : Keep away from oxidizing agents.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

AQUACER 595

Version 4

Revision Date 02/05/2016

Print Date 02/05/2016

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Wear protective equipment: goggles, chemically resistant clothing and gloves, and appropriate respirator if in a confined area.
- 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 : Stop leak. Dike and contain spill. Absorb with suitable material and remove with sparkless shovel and/or scoop.

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Avoid contact with skin and eyes. Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Handle as an industrial chemical.
- Conditions for safe storage : Keep in a dry, cool and well-ventilated place. Keep product and empty container away from heat and sources of ignition. Take measures to prevent the build up of electrostatic charge.
- Materials to avoid : Keep away from oxidizing agents.

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

Contains no substances with occupational exposure limit values.

- Engineering measures** : Use with local exhaust ventilation.

Personal protective equipment

- Respiratory protection : If handling heated or misted product in a poorly ventilated area, wear a properly fitted respirator (NIOSH) during exposure.
- Hand protection
Material : Neoprene gloves
- Eye protection : Goggles
Safety glasses with side-shields
- Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

AQUACER 595

Version 4

Revision Date 02/05/2016

Print Date 02/05/2016

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Clean long legged, long sleeved work clothes.
If splashing is possible, wear chemically resistant protective clothing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : light yellow

Odour : characteristic

Odour Threshold : No data available

pH : 8.5

Melting point/range : 32 °F (0 °C)

Boiling point/boiling range : 212 °F (100 °C)

Flash point : Not applicable

Evaporation rate : No data available

Flammability (solid, gas) : 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 : No data available

Density : 0.99 g/cm³ (68 °F (20 °C))

Solubility(ies)

Water solubility : completely miscible

Solubility in other solvents : No data available

AQUACER 595

Version 4

Revision Date 02/05/2016

Print Date 02/05/2016

Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	No data available
Thermal decomposition	:	No data available
Viscosity Viscosity, dynamic	:	< 400 mPa.s (68 °F (20 °C))

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Not classified as a reactivity hazard.
Chemical stability	:	Stable; polymerization will not occur
Possibility of hazardous reactions	:	No data available
Conditions to avoid	:	No data available
Incompatible materials	:	Strong oxidizing agents
Hazardous decomposition products	:	No data available

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

Inhalation
Ingestion
Eyes
Skin Absorption
Skin contact

Acute toxicity**Product:**

Acute oral toxicity : Remarks: No data available

Components:**61827-42-7 Fatty alcohol, alkoxyated:**

Acute oral toxicity : LD50 (Rat): 500 mg/kg

Skin corrosion/irritation**Product:**

AQUACER 595

Version 4

Revision Date 02/05/2016

Print Date 02/05/2016

Remarks: No data available

Components:**61827-42-7 Fatty alcohol, alkoxyated:**

Species: Rabbit

Result: Severe skin irritation

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

Remarks: No data available

Components:**61827-42-7 Fatty alcohol, alkoxyated:**

Species: Rabbit

Result: Severe eye irritation

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.

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 known chronic health effects.

Experience with human exposure**Product:**

AQUACER 595

Version 4

Revision Date 02/05/2016

Print Date 02/05/2016

Inhalation:	Symptoms:	High concentrations of vapors resulting from the product being heated, misted or sprayed may cause irritation of the respiratory tract and mucous membranes.
Skin contact:	Symptoms:	Contact may cause irritation.
Eye contact:	Symptoms:	Contact will probably cause severe irritation and corrosion.
Ingestion:	Symptoms:	Ingestion will probably cause irritation of the digestive tract.

Further information**Product:**

Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:**Toxicity to fish :
Remarks: No data availableToxicity 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

AQUACER 595

Version 4

Revision Date 02/05/2016

Print Date 02/05/2016

Other adverse effects**Product:**

Results of PBT and vPvB assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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).

Additional ecological information : There is no data available for this product.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

EPA Hazardous Waste Code(s) : Not applicable.

Waste from residues : Dispose of in accordance with applicable local/municipal, state/provincial and federal regulations.

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

Container sizes: 55 gallon drums, 5 or 6-gallon pails, 2oz/16oz samples

SECTION 15. REGULATORY INFORMATION

AQUACER 595

Version 4

Revision Date 02/05/2016

Print Date 02/05/2016

EPCRA - Emergency Planning and Community Right-to-Know Act
US. EPA CERCLA Hazardous Substances (40 CFR 302)

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

SARA 304 - Emergency Release Notification

Calculated RQ exceeds reasonably attainable upper limit.

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)

Calculated RQ exceeds reasonably attainable upper limit.

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).

Non-volatile (Wt) : 40 %
 Method: 60min/125°C
 DIN EN ISO 3251
 Non-volatile information is not a specification.

Massachusetts Right To Know

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know

Water	7732-18-5
Polypropylene wax	-
Fatty alcohol, alkoxyated	61827-42-7

New Jersey Right To Know

Water	7732-18-5
Polypropylene wax	-
Fatty alcohol, alkoxyated	61827-42-7

AQUACER 595

Version 4

Revision Date 02/05/2016

Print Date 02/05/2016

**New Jersey Trade Secret
Registry Number for the
product (NJ TSRN)** : 800963-5878

California Prop 65

WARNING! This product contains a chemical known to the State of California to cause cancer.

Ethylene oxide 75-21-8

1,4-Dioxane 123-91-1

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Ethylene oxide 75-21-8

CONEG Heavy Metal: We confirm that we use packaging and/or packaging components in which the sum of the incidental concentration levels of lead, mercury, cadmium and hexavalent chromium do not exceed 100 parts per million by weight.

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

TSCA : We certify that all of the components of this product are either listed on the TSCA Inventory or are not subject to the notification requirements per 40 CFR 720.30(h).

Section 4 / 12(b) : Not applicable

DSL : We certify that all of the components of this product are listed on the DSL.

SECTION 16. OTHER INFORMATION

Revision Date : 02/05/2016

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.