



SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: Aquacure

Other Means of Identification

Product Code: CP-1531

Company

Perk Products & Chemical Co., Inc.
42 Industry Street
Nashville, TN 37210
(615)242-6157

Emergency Information

Transportation: CHEMTREC: (800) 424-9300
(24 hrs., 7 days a week)
Medical: Rocky Mountain Poison Center: (866) 767-5089
(24 hrs., 7 days a week)

Product Information

Product name:	Aquacure
Synonyms:	Not Available
Molecular formula:	Complex Mixture
Chemical family:	Polymer Latex
Product use:	Binder, For Industrial Use Only

2. HAZARDS IDENTIFICATION

Emergency

<u>Overview</u> Color:	white
Physical state:	liquid
Form:	aqueous dispersion
Odor:	slightly acrylic

*Classification of the substance or mixture:
Not a hazardous substance or mixture.

GHS-Labeling

Not a hazardous substance or mixture.

Supplemental

information: Potential

Health Effects:

The product, in the form supplied, is not anticipated to produce significant adverse human health effects.
Contains high molecular weight polymer(s).

Quick-FDS {17303-3264827051014417} -2015-05-16 - 09:04:08

==
--

SAFETY DATA SHEET

Other:

Handle in accordance with good industrial hygiene and safety practice. Dried product may stick to the skin causing irritation upon removal.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Wt/Wt	GHS Classification**
Water	7732-18-5	>=30 - <30%	Not classified
styrene-acrylate polymer	Proprietary -	>=30 - <30%	Not classified

The specific chemical identity is withheld because it is trade secret information of Arkema Inc.

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

Inhalation :

If inhaled, remove victim to fresh air.

Skin:

In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Eyes:

Immediately flush eye(s) with plenty of water.

Ingestion :

If swallowed, DO NOT induce vomiting. Get medical attention. Never give anything by mouth to an unconscious person.

5. FIREFIGHTING MEASURES

Extinguishing media (suitable):

Foam, Carbon dioxide (CO₂), Dry chemical, Water spray

Protective equipment:

Fire fighters and others who may be exposed to products of combustion should wear full fire fighting turn out gear (full Bunker Gear) and self-contained breathing apparatus (pressure demand /NIOSH approved or equivalent).

Further firefighting advice:

SAFETY DATA SHEET

Fire fighting equipment should be thoroughly decontaminated after use.

Fire and explosion hazards:

When burned, the following hazardous products of combustion can occur:

Carbon oxides

Hazardous organic compounds

6. ACCIDENTAL RELEASE MEASURES

In case of spill or leak:

Prevent further leakage or spillage if you can do so without risk. Ventilate the area. Avoid generation of vapors. Contain and collect spillage with non-combustible absorbent material such as clean sand, earth, diatomaceous earth or non-acidic clay and place into suitable properly labeled containers for prompt disposal. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits.

7. HANDLING AND STORAGE

Handling

General information on handling:

Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of material from eyes, skin, and clothing.

Storage

General information on storage conditions:

Keep in a dry, cool place. This material is not hazardous under normal storage conditions; however, material should be stored in closed containers, in a secure area to prevent container damage and subsequent spillage. Store in upright position only. Keep container closed when not in use.

Storage stability -Remarks:

Stable under normal conditions. May coagulate if frozen at 0°C (32°F). Material may develop bacteria odor on long term storage.

Storage incompatibility – General:

May cause coagulation:

Multivalent metal salts

Acids

Temperature tolerance – Do not store below:-
34°F (1°C)

Temperature tolerance- Do not store above:
100°F (38°C)

SAFETY DATA SHEET

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Airborne Exposure Guidelines:

Engineering controls:

Investigate engineering techniques to reduce exposures below airborne exposure limits or to otherwise reduce exposures. Provide ventilation if necessary to minimize exposures or to control exposure levels to below airborne exposure limits (if applicable see above). If practical, use local mechanical exhaust ventilation at sources of air contamination such as open process equipment.

Respiratory protection:

Where airborne exposure is likely or airborne exposure limits are exceeded (if applicable see above), use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. Consult respirator manufacturer to determine appropriate type equipment for a given application. Observe respirator use limitations specified by NIOSH or the manufacturer. For emergency and other conditions where there may be a potential for significant exposure or where exposure limit may be significantly exceeded, use an approved full face positive-pressure, self-contained breathing apparatus or positive-pressure airline with auxiliary self-contained air supply. Respiratory protection programs must comply with 29 CFR § 1910.134.

Skin protection:

Minimize skin contamination by following good industrial hygiene practice. When handling this material, gloves of the following type(s) should be worn: neoprene, nitrile, polyvinylchloride, butyl-rubber, chlorinated polyethylene, polyethylene (PE) and ethyl vinyl alcohol laminate (EVAL). Wash thoroughly after handling.

Eye protection:

Use good industrial practice to avoid eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color:	white
Physical state:	liquid
Form:	aqueous dispersion
Odor:	slightly acrylic
Odor threshold:	No data available
Flash point	Not applicable
Auto-ignition temperature:	Not applicable
Lower flammable limit (LFL):	No data available
Upper flammable limit (UFL):	No data available

SAFETY DATA SHEET

pH:	7.5 - 8.5
Density:	0.9982 g/cm ³ (68 °F (20 °C)) (data for Water (7732-18-5))
Specific Gravity (Relative density):	estimated 0.95 - 1.10 Water=1 (liquid)
Vapor pressure:	17.500 mmHg (68 °F (20 °C)) (data for Water (7732-18-5))
Vapor density:	0.6 kg/m ³ (data for Water (7732-18-5))
Boiling point/boiling range:	212 °F (100 °C) (data for Water (7732-18-5))
Freezing point:	32 °F (0 °C) (data for Water (7732-18-5))
Evaporation rate :	No data available
Solubility in water :	miscible
Oil/water partition coefficient:	No data available
Thermal decomposition	No data available
Flammability :	See GHS Classification in Section 2

10. STABILITY AND REACTIVITY

Stability:

This material is chemically stable under normal and anticipated storage, handling and processing conditions.

Hazardous reactions:

Hazardous polymerisation does not occur.

Materials to avoid:

May cause coagulation:

Acids

Multivalent metal salts

Conditions /hazards to avoid:

See HANDLING AND STORAGE section of this MSDS for specified conditions. See Hazardous Decomposition Products below.

Hazardous decomposition products:

Thermal decomposition giving flammable and toxic products:

Carbon oxides

Hazardous organic compounds

Acrylates

SAFETY DATA SHEET

11. TOXICOLOGICAL INFORMATION

Data on this material and/or its components are summarized below.

Data for styrene-acrylate polymer (Proprietary)

Other information

The information presented is from representative materials in this chemical class. The results may vary depending on the test substance.

Effects due to processing releases or residual monomer:

Possible cross sensitization with other acrylates and methacrylates

12. ECOLOGICAL INFORMATION

Chemical Fate and Pathway No data are available.

Ecotoxicology

No data are available.

13 DISPOSAL CONSIDERATIONS

Waste disposal:

Where possible recycling is preferred to disposal or incineration. If recycling is not an option, incinerate or dispose of in accordance with federal, state, and local regulations. Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits. Note: Chemical additions to, processing of, or otherwise altering this material may make this waste management information incomplete, inaccurate, or otherwise inappropriate. Furthermore, state and local waste disposal requirements may be more restrictive or otherwise different from federal laws and regulations.

14 TRANSPORT INFORMATION

US Department of Transportation (DOT): not regulated

International Maritime Dangerous Goods Code (IMDG): not regulated

15 REGULATORY INFORMATION

Chemical Inventory Status

EU EINECS

EINECS

Does not conform

United States TSCA Inventory

TSCA

The components of this product are all on the TSCA Inventory.

SAFETY DATA SHEET

Canadian Domestic Substances List (DSL)	DSL	All components of this product are on the Canadian DSL.
China. Inventory of Existing Chemical Substances in China (IECSC)	IECSC (CN)	Conforms to
Japan. ENCS - Existing and New Chemical Substances Inventory	ENCS (JP)	Does not conform
Japan. ISHL - Inventory of Chemical Substances	ISHL (JP)	Does not conform
Korea. Korean Existing Chemicals Inventory (KECI)	KECI (KR)	Conforms to
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	PICCS (PH)	Conforms to
Australia Inventory of Chemical Substances (AICS)	AICS	Conforms to

United States – Federal Regulations

SARA Title III-Section 302 Extremely Hazardous Chemicals:

The components in this product are either not SARA Section 302 regulated or regulated but present in negligible concentrations .

SARA Title 111 - Section 311/312 Hazard Categories:

No SARA Hazards

SARA Title III- Section 313 Toxic Chemicals:

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.

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantity (RQ) :

Chemical Name	CAS-No.	<u>Reportable quantity</u>
Sodium hydroxide (Na(OH))	1310-73-2	10001bs

United States - State Regulations

New Jersey Right to Know

No components are subject to the New Jersey Right to Know Act.

Pennsylvania Right to Know

Chemical Name	CAS-No.
Water	7732-18-5
styrene-acrylate polymer	Proprietary

SAFETY DATA SHEET

California Prop.65

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

16 OTHER INFORMATION

Issue Date 16-Aug-2002
Last Revision Date 22-April-2015

Disclaimer/Statement of Liability:

The information 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. Perk Products Co. makes no warranty expressed or implied concerning this material except that it conforms to the description of this SDS. Neither Perk Products & Chemical Co, Inc., nor the seller shall be held responsible in any manner for personal injury or property damage, or other types of loss resulting from the handling, storage, or use of this product. The buyer assumes all risk.

End of Safety Data Sheet