SECTION 1: Identification

1.1 Product identifier
Trade name
Aqua Seal

1.2 Relevant identified uses of the substance or mixture and uses advised against
Relevant identified uses
paint sealer

1.3 Details of the supplier of the safety data sheet
B&B Blending, LLC
10963 Leroy Drive
Northglenn
CO 80233 United States
Telephone: 1.800.875.6320, 1.303.289.6320
Telefax e-mail: info@bbblending.com
Website: bbblending.com
Competent person responsible for the SDS
Robert Blahnik
e-mail (competent person)
bblahnik@bbblending.com

1.4 Emergency telephone number
Emergency information service
USA 1.800.535.5053, INTL 1.352.323.3500
24 hour emergency telephone number.

SECTION 2: Hazard(s) identification

2.1 Classification of the substance or mixture
Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)
Annex

<table>
<thead>
<tr>
<th>Annex</th>
<th>Hazard class and category</th>
<th>Hazard statement code(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.6</td>
<td>flammable liquid</td>
<td>Cat. 3 (Flam. Liq. 3) H226</td>
</tr>
<tr>
<td>A.2</td>
<td>skin corrosion/irritation</td>
<td>Cat. 2 (Skin Irrit. 2) H315</td>
</tr>
<tr>
<td>A.4S</td>
<td>skin sensitization</td>
<td>Cat. 1 (Skin Sens. 1) H317</td>
</tr>
<tr>
<td>A.7</td>
<td>reproductive toxicity</td>
<td>Cat. 2 (Repr. 2) H361f</td>
</tr>
<tr>
<td>A.10</td>
<td>aspiration hazard</td>
<td>Cat. 1 (Asp. Tox. 1) H304</td>
</tr>
</tbody>
</table>

Remarks
For full text of H-phrases: see SECTION 16.

Hazards not otherwise classified
Very toxic to aquatic life with long lasting effects (GHS category 1: aquatic toxicity - acute and/or chronic).

The most important adverse physicochemical, human health and environmental effects
The product is combustible and can be ignited by potential ignition sources.

2.2 Label elements
Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Signal word danger
Aqua Seal

Pictograms
GHS02, GHS07, GHS08

Hazard statements
H226 Flammable liquid and vapor.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H361f Suspected of damaging fertility.

Precautionary statements
Precautionary statements - prevention
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Wash thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/eye protection/face protection.

Precautionary statements - response
IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.
IF ON SKIN: Wash with plenty of water.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF exposed or concerned: Get medical advice/attention.
Specific treatment (see on this label).
Do NOT induce vomiting.
If skin irritation or rash occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.

Precautionary statements - storage
Store in a well-ventilated place. Keep cool.
Store locked up.

Precautionary statements - disposal
Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazardous ingredients for labelling
octamethylcyclotetrasiloxane, odorless mineral spirits, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
### Other hazards

There is no additional information.

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

not relevant (mixture)

#### 3.2 Mixtures

**Description of the mixture**

<table>
<thead>
<tr>
<th>Name of substance</th>
<th>Identifier</th>
<th>Wt%</th>
<th>Hazard class and category</th>
<th>Hazard statement</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>REACH Reg. No 01-2119486659-16-xxxx</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>octamethylcyclotetrasiloxane</td>
<td>CAS No 556-67-2 EC No 209-136-7</td>
<td>5 – &lt; 10</td>
<td>B.6 A.7</td>
<td>H226 H361f</td>
<td></td>
</tr>
<tr>
<td></td>
<td>REACH Reg. No 01-2119529238-36-xxxx</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>decamethylcyclopentasiloxane</td>
<td>CAS No 541-02-6 EC No 208-764-9</td>
<td>1 – &lt; 5</td>
<td>B.6</td>
<td>H227</td>
<td></td>
</tr>
<tr>
<td></td>
<td>REACH Reg. No 01-2119511367-43-xxxx</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>aminofunctional silicone fluid</td>
<td>CAS No 69430-37-1</td>
<td>1 – &lt; 5</td>
<td>B.6</td>
<td>H225</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### SECTION 4: First-aid measures

#### 4.1 General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

**Following inhalation**

In case of respiratory tract irritation, consult a physician. Provide fresh air.

**Following skin contact**

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.

**Following eye contact**

Irrigate copiously with clean, fresh water, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing.

**Following ingestion**

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

### SECTION 5: Fire-fighting measures

#### 5.1 Extinguishing media

**Suitable extinguishing media**

water spray, BC-powder, carbon dioxide (CO2)

**Unsuitable extinguishing media**

water jet

#### 5.2 Special hazards arising from the substance or mixture

In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

**Hazardous combustion products**

nitrogen oxides (NOx), carbon monoxide (CO), carbon dioxide (CO2)
5.3 **Advice for firefighters**

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

### SECTION 6: Accidental release measures

6.1 **Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel**
Remove persons to safety.

**For emergency responders**
Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

6.2 **Environmental precautions**
Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 **Methods and material for containment and cleaning up**

**Advises on how to contain a spill**
Covering of drains.

**Advises on how to clean up a spill**
Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage (sawdust, kieselgur (diatomite), sand, universal binder).

**Appropriate containment techniques**
Use of adsorbent materials.

**Other information relating to spills and releases**
Place in appropriate containers for disposal. Ventilate affected area.

6.4 **Reference to other sections**

### SECTION 7: Handling and storage

7.1 **Precautions for safe handling**

**Recommendations**

**Measures to prevent fire as well as aerosol and dust generation**
Use local and general ventilation. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools.

**Warning**
Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.
Advice on general occupational hygiene
Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities
Managing of associated risks
• Explosive atmospheres
Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.
• Flammability hazards
Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

Incompatible substances or mixtures
Observe compatible storage of chemicals.

Control of the effects
Protect against external exposure, such as frost

Consideration of other advice
Ventilation requirements
Use local and general ventilation. Ground/bond container and receiving equipment.

Packaging compatibilities
Only packagings which are approved (e.g. acc. to DOT) may be used.

7.3 Specific end use(s)
See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
National limit values
Occupational exposure limit values (Workplace Exposure Limits)

<table>
<thead>
<tr>
<th>Country</th>
<th>Name of agent</th>
<th>CAS No.</th>
<th>Identifier</th>
<th>TWA [ppm]</th>
<th>TWA [mg/m³]</th>
<th>STEL [ppm]</th>
<th>STEL [mg/m³]</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>US</td>
<td>petroleum distillates (naphtha) (rubber solvent)</td>
<td>64742-48-9</td>
<td>PEL</td>
<td>500</td>
<td>2,000</td>
<td></td>
<td></td>
<td>29 CFR 1910.1000</td>
</tr>
</tbody>
</table>

Notation
STEL  Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period unless otherwise specified.
TWA  Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average.
Relevant DNELs/DMELs/PNECs and other threshold levels
No data available.

8.2 Exposure controls
Appropriate engineering controls
General ventilation.

Individual protection measures (personal protective equipment)
Eye/face protection
Wear eye/face protection.

Skin protection
• hand protection
Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
• other protection measures
Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection
In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls
Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
Appearance
Physical state liquid
Color blue
Odor fresh

Other physical and chemical parameters
pH (value) not determined
Melting point/freezing point not determined
Initial boiling point and boiling range 70 – 100 °C at 101.3 kPa
Flash point 58 °C at 101.3 kPa 136 °F at 1 atm (closed cup)
Evaporation rate not determined
Flammability (solid, gas) not relevant (fluid)
Explosive limits
• lower explosion limit (LEL) 0.7 vol%
• upper explosion limit (UEL) 5.4 vol%
Vapor pressure 132 Pa at 25 °C
Density 0.95 g/cm³ at 25 °C
Relative density 0.94 – 0.96 at 25 °C (water = 1)
Solubility(ies) not determined
SECTION 10: Stability and reactivity

10.1 Reactivity
Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s): risk of ignition

• if heated
  risk of ignition

10.2 Chemical stability
See below "Conditions to avoid".

10.3 Possibility of hazardous reactions
No known hazardous reactions.

10.4 Conditions to avoid
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints to prevent fire or explosion
Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

Physical stresses which might result in a hazardous situation and have to be avoided
strong shocks

10.5 Incompatible materials
oxidizers

10.6 Hazardous decomposition products
Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects
Test data are not available for the complete mixture.

Classification procedure
The method for classification of the mixture is based on ingredients of the mixture (additivity formula).
Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Acute toxicity
Shall not be classified as acutely toxic.

Acute toxicity of components of the mixture

<table>
<thead>
<tr>
<th>Name of substance</th>
<th>CAS No</th>
<th>Exposure route</th>
<th>ATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)</td>
<td>55965-84-9</td>
<td>oral</td>
<td>100 mg/kg</td>
</tr>
<tr>
<td>reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)</td>
<td>55965-84-9</td>
<td>dermal</td>
<td>300 mg/kg</td>
</tr>
<tr>
<td>reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)</td>
<td>55965-84-9</td>
<td>inhalation: vapor</td>
<td>3 mg/l/4h</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation
Causes skin irritation.

Serious eye damage/eye irritation
Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitization
May cause an allergic skin reaction.

Summary of evaluation of the CMR properties
Suspected of damaging fertility.
Shall not be classified as carcinogenic.
Shall not be classified as germ cell mutagenic.

Carcinogenicity
- National Toxicology Program (United States): none of the ingredients are listed
- IARC Monographs none of the ingredients are listed
- OSHA Carcinogens (United States): none of the ingredients are listed

Specific target organ toxicity (STOT)
Shall not be classified as a specific target organ toxicant.

Aspiration hazard
May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1 Toxicity
Very toxic to aquatic life with long lasting effects.

Aquatic toxicity (acute)
Shall not be classified as hazardous to the aquatic environment.
Aquatic toxicity (acute) of components of the mixture

<table>
<thead>
<tr>
<th>Name of substance</th>
<th>CAS No</th>
<th>Endpoint</th>
<th>Value</th>
<th>Species</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>octamethylcyclotetrasiloxane</td>
<td>556-67-2</td>
<td>LC50</td>
<td>&gt;22 µg/l</td>
<td>fish</td>
<td>96 h</td>
</tr>
<tr>
<td>octamethylcyclotetrasiloxane</td>
<td>556-67-2</td>
<td>EC50</td>
<td>&gt;1,000 mg/l</td>
<td>aquatic invertebrates</td>
<td>96 h</td>
</tr>
<tr>
<td>decamethylcyclopentasiloxane</td>
<td>541-02-6</td>
<td>LC50</td>
<td>&gt;16 µg/l</td>
<td>fish</td>
<td>96 h</td>
</tr>
<tr>
<td>decamethylcyclopentasiloxane</td>
<td>541-02-6</td>
<td>EC50</td>
<td>&gt;2.9 µg/l</td>
<td>aquatic invertebrates</td>
<td>48 h</td>
</tr>
</tbody>
</table>

Aquatic toxicity (chronic)

<table>
<thead>
<tr>
<th>Name of substance</th>
<th>CAS No</th>
<th>Endpoint</th>
<th>Value</th>
<th>Species</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>odorless mineral spirits</td>
<td>64742-48-9</td>
<td>EC50</td>
<td>15.41 mg/l</td>
<td>microorganisms</td>
<td>40 h</td>
</tr>
<tr>
<td>octamethylcyclotetrasiloxane</td>
<td>556-67-2</td>
<td>LC50</td>
<td>10 µg/l</td>
<td>fish</td>
<td>14 d</td>
</tr>
<tr>
<td>octamethylcyclotetrasiloxane</td>
<td>556-67-2</td>
<td>EC50</td>
<td>&gt;500 mg/l</td>
<td>aquatic invertebrates</td>
<td>24 h</td>
</tr>
<tr>
<td>decamethylcyclopentasiloxane</td>
<td>541-02-6</td>
<td>LC50</td>
<td>&gt;16 µg/l</td>
<td>fish</td>
<td>14 d</td>
</tr>
<tr>
<td>decamethylcyclopentasiloxane</td>
<td>541-02-6</td>
<td>EC50</td>
<td>&gt;15 µg/l</td>
<td>aquatic invertebrates</td>
<td>21 d</td>
</tr>
</tbody>
</table>

12.2 Persistence and degradability

<table>
<thead>
<tr>
<th>Name of substance</th>
<th>CAS No</th>
<th>Process</th>
<th>Degradation rate</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>octamethylcyclotetrasiloxane</td>
<td>556-67-2</td>
<td>carbon dioxide generation</td>
<td>3.7 %</td>
<td>29 d</td>
</tr>
<tr>
<td>decamethylcyclopentasiloxane</td>
<td>541-02-6</td>
<td>carbon dioxide generation</td>
<td>0.14 %</td>
<td>28 d</td>
</tr>
</tbody>
</table>

12.3 Bioaccumulative potential

Data are not available.

<table>
<thead>
<tr>
<th>Name of substance</th>
<th>CAS No</th>
<th>BCF</th>
<th>Log KOW</th>
<th>BOD5/COD</th>
</tr>
</thead>
<tbody>
<tr>
<td>octamethylcyclotetrasiloxane</td>
<td>556-67-2</td>
<td>12,400</td>
<td>6.488 (25.1 °C)</td>
<td></td>
</tr>
<tr>
<td>decamethylcyclopentasiloxane</td>
<td>541-02-6</td>
<td>7,060</td>
<td>4.76 (22.4 °C)</td>
<td></td>
</tr>
<tr>
<td>reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)</td>
<td>55965-84-9</td>
<td></td>
<td>0.71 – 0.75</td>
<td></td>
</tr>
</tbody>
</table>
12.4 Mobility in soil
Data are not available.

12.5 Results of PBT and vPvB assessment
Data are not available.

12.6 Other adverse effects
Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Waste treatment-relevant information
Solvent reclamation/regeneration.

Sewage disposal-relevant information
Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages
Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks
Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

14.1 UN number
1993

14.2 UN proper shipping name
Flammable liquid, n.o.s.

Technical name (hazardous constituents)
odorless mineral spirits, octamethylcyclotetrasiloxane

14.3 Transport hazard class(es)
Class
3 (flammable liquids)

14.4 Packing group
III (substance presenting low danger)

14.5 Environmental hazards
none (non-environmentally hazardous acc. to the dangerous goods regulations)

14.6 Special precautions for user
There is no additional information.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code
The cargo is not intended to be carried in bulk.

Information for each of the UN Model Regulations
• Transport of dangerous goods by road or rail (49 CFR US DOT)
  Index number 1993
  Proper shipping name Flammable liquid, n.o.s.
  Class 3
  Packing group III
  Danger label(s) 3
Special provisions (SP)  B1, B52, IB3, T4, TP1, TP29
ERG No  128

- **International Maritime Dangerous Goods Code (IMDG)**
  UN number  1993
  Proper shipping name  FLAMMABLE LIQUID, N.O.S.
  Class  3
  Packing group  III
  Danger label(s)  3

Special provisions (SP)  223, 274, 955
Excepted quantities (EQ)  E1
Limited quantities (LQ)  5 L
EmS  F-E, S-E
Stowage category  A

- **International Civil Aviation Organization (ICAO-IATA/DGR)**
  UN number  1993
  Proper shipping name  Flammable liquid, n.o.s.
  Class  3
  Packing group  III
  Danger label(s)  3

Special provisions (SP)  A3
Excepted quantities (EQ)  E1
Limited quantities (LQ)  10 L
SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

National regulations (United States)

Toxic Substance Control Act (TSCA) all ingredients are listed or exempt from listing

SARA TITLE III (Superfund Amendment and Reauthorization Act)
List of Extremely Hazardous Substances (40 CFR 355) (EPCRA Section 302 and 304) none of the ingredients are listed

Specific Toxic Chemical Listings (40 CFR 372) (EPCRA Section 313) none of the ingredients are listed

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act)
Section 102(A) Hazardous Substances (40 CFR 302.4) none of the ingredients are listed

Clean Air Act none of the ingredients are listed

Drug precursors, Controlled Substances Act (21 U.S.C. § 802) none of the ingredients are listed

Industry or sector specific available guidance(s)

NPCA-HMIS® III
Hazardous Materials Identification System (American Coatings Association)

<table>
<thead>
<tr>
<th>Category</th>
<th>Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chronic</td>
<td>*</td>
<td>Chronic (long-term) health effects may result from repeated overexposure.</td>
</tr>
<tr>
<td>Health</td>
<td>2</td>
<td>Temporary or minor injury may occur.</td>
</tr>
<tr>
<td>Flammability</td>
<td>2</td>
<td>Material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur.</td>
</tr>
<tr>
<td>Physical hazard</td>
<td>1</td>
<td>Material that is normally stable but can become unstable (self-react) at high temperatures and pressures. Material may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors.</td>
</tr>
<tr>
<td>Personal protection</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

NFPA® 704

<table>
<thead>
<tr>
<th>Category</th>
<th>Degree of hazard</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>2</td>
<td>Material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur.</td>
</tr>
<tr>
<td>Health</td>
<td>2</td>
<td>Material that, under emergency conditions, can cause temporary incapacitation or residual injury.</td>
</tr>
<tr>
<td>Instability</td>
<td>0</td>
<td>Material that is normally stable, even under fire conditions.</td>
</tr>
</tbody>
</table>

Right to Know Hazardous Substance List none of the ingredients are listed

Proposition 65 List of chemicals none of the ingredients are listed
Relevant European Union (EU) safety, health and environmental provisions

Classification according to GHS (1272/2008/EC, CLP)

<table>
<thead>
<tr>
<th>Hazard class</th>
<th>Category</th>
<th>Hazard class and category</th>
</tr>
</thead>
<tbody>
<tr>
<td>flammable liquid</td>
<td>3</td>
<td>(Flam. Liq. 3)</td>
</tr>
<tr>
<td>skin corrosion/irritation</td>
<td>2</td>
<td>(Skin Irrit. 2)</td>
</tr>
<tr>
<td>skin sensitization</td>
<td>1</td>
<td>(Skin Sens. 1)</td>
</tr>
<tr>
<td>reproductive toxicity</td>
<td>2</td>
<td>(Repr. 2)</td>
</tr>
<tr>
<td>aspiration hazard</td>
<td>1</td>
<td>(Asp. Tox. 1)</td>
</tr>
<tr>
<td>hazardous to the aquatic environment - chronic hazard</td>
<td>3</td>
<td>(Aquatic Chronic 3)</td>
</tr>
</tbody>
</table>

SECTION 16: Other information, including date of preparation or last revision

16.2 Abbreviations and acronyms

<table>
<thead>
<tr>
<th>Abbr.</th>
<th>Descriptions of used abbreviations</th>
</tr>
</thead>
<tbody>
<tr>
<td>49 CFR US DOT</td>
<td>49 CFR § 40 U.S. Department of Transportation</td>
</tr>
<tr>
<td>Acute Tox.</td>
<td>Acute toxicity</td>
</tr>
<tr>
<td>Asp. Tox.</td>
<td>Aspiration hazard</td>
</tr>
<tr>
<td>ATE</td>
<td>Acute Toxicity Estimate</td>
</tr>
<tr>
<td>BCF</td>
<td>Bioconcentration factor</td>
</tr>
<tr>
<td>BOD</td>
<td>Biochemical Oxygen Demand</td>
</tr>
<tr>
<td>CAS</td>
<td>Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)</td>
</tr>
<tr>
<td>CLP</td>
<td>Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures</td>
</tr>
<tr>
<td>CMR</td>
<td>Carcinogenic, Mutagenic or toxic for Reproduction</td>
</tr>
<tr>
<td>COD</td>
<td>Chemical oxygen demand</td>
</tr>
<tr>
<td>DGR</td>
<td>Dangerous Goods Regulations (see IATA/DGR)</td>
</tr>
<tr>
<td>DMEL</td>
<td>Derived Minimal Effect Level</td>
</tr>
<tr>
<td>DNEL</td>
<td>Derived No-Effect Level</td>
</tr>
<tr>
<td>DOT</td>
<td>Department of Transportation (USA)</td>
</tr>
<tr>
<td>EC No</td>
<td>The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)</td>
</tr>
<tr>
<td>EINECS</td>
<td>European Inventory of Existing Commercial Chemical Substances</td>
</tr>
<tr>
<td>ELINCS</td>
<td>European List of Notified Chemical Substances</td>
</tr>
<tr>
<td>EmS</td>
<td>Emergency Schedule</td>
</tr>
<tr>
<td>ERG No</td>
<td>Emergency Response Guidebook - Number</td>
</tr>
<tr>
<td>Eye Dam.</td>
<td>Seriously damaging to the eye</td>
</tr>
<tr>
<td>Eye Irrit.</td>
<td>Irritant to the eye</td>
</tr>
<tr>
<td>Flam. Liq.</td>
<td>Flammable liquid</td>
</tr>
<tr>
<td>GHS</td>
<td>&quot;Globally Harmonized System of Classification and Labelling of Chemicals&quot; developed by the United Nations</td>
</tr>
<tr>
<td>IARC Monographs</td>
<td>IARC Monographs on the Evaluation of Carcinogenic Risks to Humans</td>
</tr>
</tbody>
</table>
Aqua Seal

16.3 Key literature references and sources for data

16.4 Classification procedure
Physical and chemical properties: The classification is based on tested mixture.
Health hazards/Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).
### 16.5 List of relevant phrases (code and full text as stated in chapter 2 and 3)

<table>
<thead>
<tr>
<th>Code</th>
<th>Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>H225</td>
<td>Highly flammable liquid and vapor.</td>
</tr>
<tr>
<td>H226</td>
<td>Flammable liquid and vapor.</td>
</tr>
<tr>
<td>H227</td>
<td>Combustible liquid.</td>
</tr>
<tr>
<td>H301</td>
<td>Toxic if swallowed.</td>
</tr>
<tr>
<td>H304</td>
<td>May be fatal if swallowed and enters airways.</td>
</tr>
<tr>
<td>H311</td>
<td>Toxic in contact with skin.</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage.</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction.</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage.</td>
</tr>
<tr>
<td>H331</td>
<td>Toxic if inhaled.</td>
</tr>
<tr>
<td>H336</td>
<td>May cause drowsiness or dizziness.</td>
</tr>
<tr>
<td>H361f</td>
<td>Suspected of damaging fertility.</td>
</tr>
</tbody>
</table>

### 16.7 Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.