SECTION 1: Identification

1.1 Product identifier
   Trade name: EZ Carnauba VOC

1.2 Relevant identified uses of the substance or mixture and uses advised against
   Relevant identified uses: vehicle wax

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)
   
<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)</td>
</tr>
<tr>
<td>A.2</td>
<td>skin corrosion/irritation</td>
<td>Cat. 2 (Skin Irrit. 2)</td>
</tr>
<tr>
<td>A.4S</td>
<td>skin sensitization</td>
<td>Cat. 1 (Skin Sens. 1)</td>
</tr>
<tr>
<td>A.7</td>
<td>reproductive toxicity</td>
<td>Cat. 2 (Repr. 2)</td>
</tr>
<tr>
<td>A.10</td>
<td>aspiration hazard</td>
<td>Cat. 1 (Asp. Tox. 1)</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
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.
H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

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, Naphtha (petroleum), hydro-treated light, reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
2.3 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>octamethylcyclotetrasiloxane</td>
<td>CAS No 556-67-2</td>
<td>10 – &lt; 25</td>
<td>B.6, A.7</td>
<td>Flam. Liq. 3, Repr. 2</td>
<td>H226, H361f</td>
</tr>
<tr>
<td></td>
<td>EC No 209-136-7</td>
<td></td>
<td></td>
<td></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></td>
<td>EC No 265-151-9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>REACH Reg. No 01-2119475133-43-xxxx</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>decamethylcyclopentasiloxane</td>
<td>CAS No 541-02-6</td>
<td>5 – &lt; 10</td>
<td>B.6</td>
<td>Flam. Liq. 4</td>
<td>H227</td>
</tr>
<tr>
<td></td>
<td>EC No 208-764-9</td>
<td></td>
<td></td>
<td></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>
</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.

For full text of abbreviations: see SECTION 16. Exact percentage of ingredients is withheld as a trade secret.
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
   Advices on how to contain a spill
   Covering of drains.
   Advices 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: yellow
Odor: fruity

Other physical and chemical parameters
pH (value): not determined
Melting point/freezing point: not determined
Initial boiling point and boiling range: >65 °C at 1 atm
Flash point: 33 °C at 101.3 kPa 91 °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: 240 kPa at 37.8 °C

Density: not determined
Relative density: 0.89 (water = 1)
Solubility(ies): not determined
Partition coefficient: n-octanol/water (log KOW): this information is not available

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 the unborn child.
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>Naphtha (petroleum), hydrotreated light</td>
<td>64742-49-0</td>
<td>LL50</td>
<td>8.2 mg/l</td>
<td>fish</td>
<td>96 h</td>
</tr>
<tr>
<td>Naphtha (petroleum), hydrotreated light</td>
<td>64742-49-0</td>
<td>EL50</td>
<td>4.5 mg/l</td>
<td>aquatic invertebrates</td>
<td>48 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)

Aquatic toxicity (chronic) 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>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>Naphtha (petroleum), hydrotreated light</td>
<td>64742-49-0</td>
<td>EL50</td>
<td>10 mg/l</td>
<td>fish</td>
<td>21 d</td>
</tr>
<tr>
<td>Naphtha (petroleum), hydrotreated light</td>
<td>64742-49-0</td>
<td>EC50</td>
<td>15.41 mg/l</td>
<td>microorganisms</td>
<td>40 h</td>
</tr>
</tbody>
</table>
### Name of substance | CAS No | Endpoint | Value | Species | Exposure time
--- | --- | --- | --- | --- | ---
Decamethylcyclopentasiloxane | 541-02-6 | LC50 | >16 µg/l | Fish | 14 d
Decamethylcyclopentasiloxane | 541-02-6 | EC50 | >15 µg/l | Aquatic invertebrates | 21 d
Naphtha (petroleum), hydrotreated heavy | 64742-48-9 | EC50 | 15.41 mg/l | Microorganisms | 40 h

### 12.2 Persistence and degradability

#### Degradability of components of the mixture

<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.

#### Bioaccumulative potential of components of the mixture

<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>0.71 – 0.75</td>
<td></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

<table>
<thead>
<tr>
<th>14.1 UN number</th>
<th>1993</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.2 UN proper shipping name</td>
<td>Flammable liquid, n.o.s.</td>
</tr>
<tr>
<td>Technical name (hazardous constituents)</td>
<td>octamethylcyclotetrasiloxane, Naphtha (petroleum), hydro-treated light</td>
</tr>
<tr>
<td>14.3 Transport hazard class(es)</td>
<td>Class 3 (flammable liquids)</td>
</tr>
<tr>
<td>Packing group</td>
<td>III (substance presenting low danger)</td>
</tr>
<tr>
<td>Environmental hazards</td>
<td>none (non-environmentally hazardous acc. to the dangerous goods regulations)</td>
</tr>
<tr>
<td>14.6 Special precautions for user</td>
<td>There is no additional information.</td>
</tr>
<tr>
<td>14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code</td>
<td>The cargo is not intended to be carried in bulk.</td>
</tr>
</tbody>
</table>

**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
EZ Carnauba VOC

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>1*</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>3</td>
<td>Material that can be ignited under almost all ambient temperature conditions.</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>3</td>
<td>Material that can be ignited under almost all ambient temperature conditions.</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>
<tr>
<td>IATA</td>
<td>International Air Transport Association</td>
</tr>
<tr>
<td>IATA/DGR</td>
<td>Dangerous Goods Regulations (DGR) for the air transport (IATA)</td>
</tr>
<tr>
<td>ICAO</td>
<td>International Civil Aviation Organization</td>
</tr>
<tr>
<td>IMDG</td>
<td>International Maritime Dangerous Goods Code</td>
</tr>
<tr>
<td>log KOW</td>
<td>n-Octanol/water</td>
</tr>
<tr>
<td>MARPOL</td>
<td>International Convention for the Prevention of Pollution from Ships (abbr. of &quot;Marine Pollutant&quot;)</td>
</tr>
</tbody>
</table>
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>Code</td>
<td>Text</td>
</tr>
<tr>
<td>--------</td>
<td>------------------------------------------------</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>H361d</td>
<td>Suspected of damaging the unborn child.</td>
</tr>
<tr>
<td>H361f</td>
<td>Suspected of damaging fertility.</td>
</tr>
<tr>
<td>H361fd</td>
<td>Suspected of damaging fertility. Suspected of damaging the unborn child.</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.