SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier
   Trade name Surf City Garage Hit the Spot

1.1.6 Other means of identification
   Product number SCG 181

1.2 Relevant identified uses of the substance or mixture and uses advised against
   Relevant identified uses enzyme based cleaner

1.3 Details of the supplier of the safety data sheet
   Surf City Garage
   5872 Engineer Dr.
   Huntington Beach, CA 92649
   Ph. 1-866-970-7872

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: Hazards identification

2.1 Classification of the substance or mixture
   Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)
   This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

2.2 Label elements
   Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)
   not required

2.3 Other hazards
   There is no additional information.
SECTION 3: Composition/information on ingredients

3.1 Substances
not relevant (mixture)

3.2 Mixtures

<table>
<thead>
<tr>
<th>Name of substance</th>
<th>Identifier</th>
<th>Wt%</th>
<th>Hazard class and category</th>
<th>Hazard statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>diethylene glycol monobutyl ether</td>
<td>CAS No 112-34-5</td>
<td>1 - &lt; 5</td>
<td>A.3</td>
<td>Eye Irrit. 2A</td>
</tr>
<tr>
<td>tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate</td>
<td>CAS No 51981-21-6</td>
<td>1 - &lt; 5</td>
<td>A.1I</td>
<td>Acute Tox. 4</td>
</tr>
</tbody>
</table>

SECTION 4: First aid measures

4.1 Description of first aid measures

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
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: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media
- water spray, alcohol resistant foam, BC-powder, carbon dioxide (CO2)

Unsuitable extinguishing media
- water jet

5.2 Special hazards arising from the substance or mixture
Explosive when mixed with combustible material.

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 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.

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. Use only in well-ventilated areas.

Advice on general occupational hygiene
Wash hands after use. Do not to 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 feeding-stuffs.

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

Incompatible substances or mixtures
Observe compatible storage of chemicals.

Control of the effects

Protect against external exposure, such as
frost

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)

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 amber
Odor citrus

Other physical and chemical parameters
pH (value) 10 - 10.4
Melting point/freezing point not determined
Initial boiling point and boiling range 100 °C
Flash point not determined (closed cup)
Evaporation rate not determined
Flammability (solid, gas) not relevant (fluid)
Explosive limits not determined
Vapor pressure 31.69 hPa at 25 °C
Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

There are no specific conditions known which have to be avoided.

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

Strong shocks

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.

Density

0.98 - 1.02 g/cm³ at 25 °C

Solubility(ies)

Water solubility

miscible in any proportion

Partition coefficient

n-octanol/water (log KOW)

This information is not available.

Auto-ignition temperature

210 °C

Viscosity

not determined

Explosive properties

none

Oxidizing properties

none
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)
not relevant

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>tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate</td>
<td>51981-21-6</td>
<td>inhalation: dust/mist</td>
<td>&gt;4.2</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation
Shall not be classified as corrosive/irritant to skin.

Respiratory or skin sensitization
Shall not be classified as a respiratory or skin sensitizer.

Summary of evaluation of the CMR properties
Shall not be classified as germ cell mutagenic, carcinogenic nor as a reproductive toxicant.

Carcinogenicity

• National Toxicology Program (United States): none of the ingredients are listed
• IARC Monographs none of the ingredients are listed

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

Aspiration hazard
Shall not be classified as presenting an aspiration hazard.
12.1 Toxicity

**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>diethylene glycol monobutyl ether</td>
<td>112-34-5</td>
<td>LC50</td>
<td>1,300 mg/l</td>
<td>fish</td>
<td>96 hours</td>
</tr>
<tr>
<td>diethylene glycol monobutyl ether</td>
<td>112-34-5</td>
<td>EC50</td>
<td>&gt;100 mg/l</td>
<td>aquatic invertebrates</td>
<td>48 hours</td>
</tr>
<tr>
<td>diethylene glycol monobutyl ether</td>
<td>112-34-5</td>
<td>ErC50</td>
<td>&gt;100 mg/l</td>
<td>algae</td>
<td>96 hours</td>
</tr>
<tr>
<td>tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate</td>
<td>51981-21-6</td>
<td>LC50</td>
<td>&gt;100 mg/l</td>
<td>fish</td>
<td>96 hours</td>
</tr>
<tr>
<td>tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate</td>
<td>51981-21-6</td>
<td>EC50</td>
<td>&gt;100 mg/l</td>
<td>aquatic invertebrates</td>
<td>48 hours</td>
</tr>
</tbody>
</table>

12.2 Process of degradability
Data are not available.

**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>diethylene glycol monobutyl ether</td>
<td>112-34-5</td>
<td>oxygen depletion</td>
<td>85 %</td>
<td>28 d</td>
</tr>
<tr>
<td>tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate</td>
<td>51981-21-6</td>
<td>oxygen depletion</td>
<td>96 %</td>
<td>28 d</td>
</tr>
<tr>
<td>tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate</td>
<td>51981-21-6</td>
<td>carbon dioxide generation</td>
<td>32 %</td>
<td>28 d</td>
</tr>
<tr>
<td>tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate</td>
<td>51981-21-6</td>
<td>DOC removal</td>
<td>23 %</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>diethylene glycol monobutyl ether</td>
<td>112-34-5</td>
<td></td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate</td>
<td>51981-21-6</td>
<td></td>
<td>-0.0001</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

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.

13.3 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 (not subject to transport regulations)
14.2 UN proper shipping name not relevant
14.3 Transport hazard class(es)
   Class -
14.4 Packing group not relevant
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 73/78 and the IBC Code
   The cargo is not intended to be carried in bulk.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question
   National regulations (United States)
   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
   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>None.</td>
</tr>
<tr>
<td>Health</td>
<td>0</td>
<td>No significant risk to health.</td>
</tr>
<tr>
<td>Flammability</td>
<td>1</td>
<td>Materials that must be preheated before ignition can occur.</td>
</tr>
<tr>
<td>Physical hazard</td>
<td>0</td>
<td>Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosives.</td>
</tr>
<tr>
<td>Personal protective equipment</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>
Safety Data Sheet
acc. to OSHA, Appendix D to § 1910.1200

Surf City Garage Hit the Spot

NFPA® 704

<table>
<thead>
<tr>
<th>Category</th>
<th>Degree of hazard</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>1</td>
<td>Materials that must be preheated before ignition can occur.</td>
</tr>
<tr>
<td>Health</td>
<td>0</td>
<td>Materials that, under emergency conditions, would offer no hazard beyond</td>
</tr>
<tr>
<td></td>
<td></td>
<td>that of ordinary combustible material.</td>
</tr>
<tr>
<td>Instability</td>
<td>0</td>
<td>Materials that are 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

SECTION 16: Other information

16.2 Abbreviations and acronyms

<table>
<thead>
<tr>
<th>Abbr.</th>
<th>Descriptions of used abbreviations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox.</td>
<td>acute toxicity</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</td>
</tr>
<tr>
<td></td>
<td>substances)</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>DMEL</td>
<td>Derived Minimal Effect Level</td>
</tr>
<tr>
<td>DNEL</td>
<td>Derived No-Effect Level</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>IARC Monographs</td>
<td>IARC Monographs on the Evaluation of Carcinogenic Risks to Humans</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 *Marine Pollutant)</td>
</tr>
<tr>
<td>NFPA® 704</td>
<td>National Fire Protection Association: Standard System for the Identification of the Hazards of</td>
</tr>
<tr>
<td></td>
<td>Materials for Emergency Response (United States)</td>
</tr>
<tr>
<td>NPCA-HMIS® III</td>
<td>National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III,</td>
</tr>
<tr>
<td></td>
<td>Third Edition</td>
</tr>
<tr>
<td>OSHA</td>
<td>Occupational Safety and Health Administration (United States)</td>
</tr>
<tr>
<td>PBT</td>
<td>Persistent, Bioaccumulative and Toxic</td>
</tr>
</tbody>
</table>

United States
BB 00427 SDS-04
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).

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

<table>
<thead>
<tr>
<th>Abbr.</th>
<th>Descriptions of used abbreviations</th>
</tr>
</thead>
<tbody>
<tr>
<td>PNEC</td>
<td>Predicted No-Effect Concentration</td>
</tr>
<tr>
<td>vPvB</td>
<td>very Persistent and very Bioaccumulative</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>H319</td>
<td>causes serious eye irritation</td>
</tr>
<tr>
<td>H332</td>
<td>harmful if inhaled</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.