1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name
POWER WAVE SUDS

Other means of identification

Recommended use of the chemical and restrictions on use
Recommended Use: High Sudsing Detergent
Uses advised against: No information available

Manufacturer Address
Anderson Chemical Company, 325 South Davis Avenue, Litchfield, MN 55355 (320-693-2477)

Emergency telephone number
Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

<table>
<thead>
<tr>
<th>Hazard statement</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 1</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 2</td>
</tr>
</tbody>
</table>

Label elements

<table>
<thead>
<tr>
<th>Danger</th>
<th>Emergency Overview</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard statements</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td></td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>Appearance</td>
<td>aqueous solution</td>
</tr>
<tr>
<td>Physical state</td>
<td>liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight</td>
</tr>
</tbody>
</table>

Precautionary Statements - Prevention
Wash hands and exposed skin thoroughly after handling.
Wear eye protection/face protection.
Wear protective gloves.

Precautionary Statements - Response
Specific treatment (see Section 4 on this label)
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.
IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Hazards not otherwise not classified (HNOC)

Other Information
Unknown Acute Toxicity
0% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSRN1841</td>
<td>Proprietary</td>
<td>20-30%</td>
<td></td>
</tr>
<tr>
<td>TSRN9292</td>
<td>Proprietary</td>
<td>&lt;10%</td>
<td></td>
</tr>
</tbody>
</table>

*The exact percentage (concentration) of composition has been withheld as a trade secret.
4. FIRST AID MEASURES

First aid measures

Eye contact
Flush immediately with water for 15 minutes. Lift upper and lower eyelids for complete rinsing. Get immediate medical attention.

Skin Contact
Flush with water for 15 minutes. If irritation persists after rinsing, get medical attention. Remove contaminated clothing and wash before reuse.

Inhalation
Remove victim to fresh air. If breathing difficulty occurs or persists, get medical attention.

Ingestion
Rinse mouth with water. Give water to dilute. Do not induce vomiting. Get immediate medical attention. Never give anything by mouth to a semi-comatose, comatose, convulsing or unconscious person.

Most important symptoms and effects, both acute and delayed

Symptoms
Eye contact causes serious eye damage. Skin contact causes irritation. Inhalation may cause irritation to mucous membranes. Ingestion may cause nausea, vomiting, diarrhea, may be harmful.

Indication of any immediate medical attention and special treatment needed

Note to physicians
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media
None known.

Specific hazards arising from the chemical
No information available.

Explosion data
Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions
Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Ventilate affected area. Use personal protective equipment as required.

Environmental precautions
See Section 12 for additional ecological information.

Methods for containment
Completely contain spilled material with dikes or sand bags, etc.
Methods for cleaning up
Shut off source of leak only if safe to do so. Dike and contain spilled material. Recover free product. To clean up residue, flush area with water or use an absorbent.

7. HANDLING AND STORAGE

Precautions for safe handling
Advice on safe handling
Do not get in eyes, on skin, or clothing. Do not breathe vapors or mists. Do not ingest. Wash thoroughly after handling. Wear protective clothing/equipment. Use with adequate ventilation.

Conditions for safe storage, including any incompatibilities
Storage Conditions
Keep containers tightly closed and properly labeled. Containers that have been emptied will retain product residue and should be handled as if they were full. Store in a cool, dry, well-ventilated place away from incompatible materials. Wash hands before eating, drinking, using tobacco, applying make-up or using the toilet. Do not store, use, and/or consume foods, beverages, tobacco in areas where this product is stored.

Incompatible materials
None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters
Exposure Guidelines
Contains no substances with occupational exposure limit values.

Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment
Eye/face protection
Wear safety glasses with side shields (or goggles).

Skin and body protection
If contact is anticipated, wear protective clothing appropriate to use conditions.

Respiratory protection
If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations
Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties
Physical state
liquid
Appearance
aqueous solution clear,
Color
fluorescent green
Odor
Slight
Odor threshold
No information available
10. STABILITY AND REACTIVITY

Reactivity
No data available

Chemical stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Conditions to avoid
Extremes of temperature and direct sunlight.

Incompatible materials
None known based on information supplied.

Hazardous Decomposition Products
None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information
No data available

Inhalation
Inhalation may cause irritation to mucous membranes

Eye contact
Cause eye damage irritation.
Skin Contact
Cause skin irritation.

Ingestion
Ingestion may cause nausea, vomiting, diarrhea, may be harmful.

Information on toxicological effects

Symptoms
No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization
No information available.
Germ cell mutagenicity
No information available.
Carcinogenicity
No information available.
Reproductive toxicity
No information available.
STOT - single exposure
No information available.
STOT - repeated exposure
No information available.
Aspiration hazard
No information available.

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity
0% of the mixture consists of ingredient(s) of unknown toxicity

Component: Ethoxylated alcohol

Acute oral toxicity : LD50: > 300 - 2,000 mg/kg
Species: Rat
Read-across (Analogy)

Acute dermal toxicity : LD50: > 2,000 mg/kg
Species: Rabbit Read-across (Analogy)

Eye irritation : Result: Risk of serious damage to eyes. Read-across (Analogy)

12. ECOLOGICAL INFORMATION

Ecotoxicity

100% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and degradability
Readily biodegradable

Bioaccumulation
Bioaccumulation is unlikely
Read-across (Analogy)

Other adverse effects
No information available

INGREDIENTS: Test result

Component: Ethoxylated alcohol

Ecotoxicity effects
Toxicity to fish : LC50: > 1 - 10 mg/l
Exposure time: 96 h
Species: Fish
Read-across (Analogy)

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : EC10: > 0.1 - 1 mg/l
Exposure time: 21 d
Species: Daphnia magna (Water flea)
Read-across (Analogy)
Component: Ethoxylated alcohol

Ecotoxicity effects  Toxicity to daphnia and other aquatic invertebrates  :  EC50: > 10 - 100 mg/l  
Exposure time: 48 h  
Species: Daphnia magna (Water flea)  
Read-across (Analogy)

Ecotoxicity effects  Toxicity to algae  :  EC50: > 10 - 100 mg/l  
Exposure time: 72 h  
Species: Skeletonema costatum (marine diatom)  
Read-across (Analogy)

Elimination information (persistence and degradability)

Bioaccumulation  :  Bioaccumulation is unlikely.
Mobility  :  No data available
Biodegradability  :  Result: Readily biodegradable.  
Method: OECD Test Guideline 301B

<table>
<thead>
<tr>
<th>Component</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfonic Acids, C14-16-alkane Hydroxy And C14-16-alkene, Sodium Salts (CAS 68439-57-6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Algae</td>
<td>EC50</td>
<td>Algae</td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Daphnia</td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Danio rerio</td>
</tr>
<tr>
<td><strong>Chronic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea</td>
<td>NOEC</td>
<td>Daphnia</td>
</tr>
</tbody>
</table>

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes  -  Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging  Do not reuse container.

14. TRANSPORT INFORMATION

DOT  Not regulated

15. REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>Inventory</th>
<th>Compliance Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA</td>
<td>All chemical substances in this product are either listed on the TSCA Inventory or in compliance with a TSCA Inventory exemption.</td>
</tr>
<tr>
<td>DSL/NDSL</td>
<td>All components of this product are on the Canadian DS Inventory.</td>
</tr>
<tr>
<td>EINECS/ELINCS</td>
<td>On the inventory, or in compliance with the inventory</td>
</tr>
<tr>
<td>ENCS</td>
<td>On the inventory, or in compliance with the inventory</td>
</tr>
<tr>
<td>IECSC</td>
<td>On the inventory, or in compliance with the inventory</td>
</tr>
<tr>
<td>KECL</td>
<td>On the inventory, or in compliance with the inventory</td>
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<tr>
<td>PICCS</td>
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</tr>
<tr>
<td>AICS</td>
<td>On the inventory, or in compliance with the inventory</td>
</tr>
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</table>

Legend:
**16. OTHER INFORMATION**

**NFPA**

<table>
<thead>
<tr>
<th>Health hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and Chemical Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>1</td>
<td>0</td>
<td>Personal protection X</td>
</tr>
</tbody>
</table>

**HMIS**

<table>
<thead>
<tr>
<th>Health hazards</th>
<th>Flammability</th>
<th>Physical hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

Prepared By: lmt
Issue Date: 06-June-2018
Revision Date: 06-June-2018
Revision Note: Formerly know as Vend Brite

Disclaimer
The information provided in this Material 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.

End of Safety Data Sheet