



## Section 1. Product and Company Identification

Product Identifier EC33 - Hurricane Super Degreaser

Product Use  
Description: Detergent Blend

### Manufacturer or suppliers' details

P & S Sales, Inc  
20943 Cabot Blvd.  
Hayward CA 94545

Emergency Number: 800-255-3924  
Customer Service: 510-732-2628  
Business Fax: 510-732-2632

## Section 2. Hazards Identification

### GHS Classification

**Serious eye damage** : Category 1

**Skin Irritation** : Category 2

### GHS Label Elements

#### Hazard Pictograms



#### Hazard Word

**Danger**

#### Hazard Statements

H318: **Causes serious eye damage**

H315: **Causes skin irritation**

#### Precautionary Statements

P280: **Wear protective gloves and eye protection**

P305+351+338: **IF IN EYES: Rinse cautiously with water for several minutes. Remove contact**

P264: **lenses if present and easy to do – continue rinsing**

P270: **Wash skin thoroughly after handling**

P332+313: **Do not eat, drink or smoke when using this product**

**If skin irritation occurs: Get medical advice/attention**

## 3. Composition Information on Ingredients

CAS Number	Wt %	Component Name
51981-21-6	2-6%	tetrasodium N,N-bis(carboxylatomethyl)-L- glutamate
Not listed by Manufacturer	2-6%	Ethoxylated Alcohol, Proprietary surfactant blend
1300-72-7	2-6%	Sodium Xylenesulfonate



Amounts specified are typical and do not represent a specification. Remaining components are proprietary, non-hazardous, and/or present at amounts below reportable limits.

#### 4. First Aid Measures

General advise: Immediate medical attention is required. Move out of dangerous area. Show this material safety data sheet to the doctor in attendance.

Inhallation: If breathed in, move person into fresh air. Consult a physician after significant exposure.

Skin Contact: Take off contaminated clothing and shoes immediately. Rinse immediately with plenty of water. If skin irritation persists, call a physician.

Eye Contact: Rinse with plenty of water. Get medical attention immediately. Continue to rinse during transport of patient. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing.

Ingestion: Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Obtain medical attention.

#### 5. Fire Fighting Measures

Extinguishing Media:

On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO<sub>2</sub>), dry chemical or water spray. Water can be used to cool fire exposed containers.

Fire Fighting Measures:

Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

Unusual Fire Hazards:

None.

Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde. Metal oxides.

#### 6. Accidental Release Measures

Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in Sections 5 and 8. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbant. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.



### 7. Handling and Storage

Use with adequate ventilation. Avoid eye contact.

Use reasonable care and store away from oxidizing materials.

### 8. Exposure Controls and Personal Protection

51981-21-6 tetrasodium N,N-bis(carboxylatomethyl)-L- glutamate ..... not established  
 Not listed by Ethoxylated Alcohol, Proprietary surfactant  
 Manufacturer blend  
 1300-72-7 Sodium Xylenesulfonate

#### Engineering Controls

Local Ventilation: None should be needed.  
General Ventilation: Recommended.

#### Personal Protective Equipment for Routine Handling

Eyes: Use proper protection - safety glasses as a minimum.  
Skin: Washing at mealtime and end of shift is adequate.  
Suitable Gloves: No special protection needed.  
Inhalation: No respiratory protection should be needed.  
Suitable Respirator: None should be needed.

Precautionary Measures: Avoid eye contact. Use reasonable care.

### 9. Physical and Chemical Properties

<b>Flash Point</b> >213.8 °F	<b>Upper Flamability Limit</b>	Not Determined
<b>Auto Ignition</b> Not Determined	<b>Lower Flamability Limit</b>	Not Determined
<b>Physical State</b> Liquid	<b>Color</b> Green	<b>Vapor Press</b> Not Determined
<b>pH</b> 9-10	<b>Specific Gravity</b> 1.05	<b>Viscosity</b> 5 cst
<b>Vapor Density (Air=1)</b> Not Determined	<b>Melting Point °F</b> 25°F	<b>Odor</b> Fruiti
<b>Water Solubility</b> complete	<b>VOC Content</b>	.00 lb/gal

### 10. Stability and Reactivity

**Stability** Stable **Hazardous Polymerization** Not Expected to Occur

**Conditions to Avoid** Oxidizing materials can cause a reaction

**Hazardous Decomposition Products** When heated to temperatures above 150 degrees C in the presence of air, product can form formaldehyde vapors.  
Safe handling conditions may be maintained by keeping vapor OSHA



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Permissible Exposure Limit for formaldehyde.

### 11. Toxicological Information

Oral LD50 (rat) > 5000 mg/Kg  
Dermal LD50 (rabbit) >= 2000 mg/Kg

### 12. Ecological Information

Aquatic LC50 >= 200 mg/L

### 13. Disposal Considerations

RCRA Hazard Class (40 CFR 261)

When a decision is made to discard this material, as received, is it classified as a hazardous waste? No  
State or local laws may impose additional regulatory requirements regarding disposal.

### 14. Transportation Information

Not subject to DOT. Not regulated

Not subject to IMDG code.

Not subject to IATA regulations

### 15. Regulatory Information

TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

EPA SARA Title III Chemical Listings

Section 302 Extremely Hazardous Substances (40 CFR 355): None.

Section 304 CERCLA Hazardous Substances (40 CFR 302): None.

Section 311/312 Hazard Class (40 CFR 370):

Acute: No

Chronic: No

Fire: No

Pressure: No

Reactive: No

Section 313 Toxic Chemicals (40 CFR 372): None present or none present in regulated quantities.

Supplemental State Compliance Information

California

Prop 65

This product does not contain any chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

**16. Other Information**

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The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. If buyer repackages this product, legal counsel should be consulted to insure proper health, safety and other necessary information is included on the container.

**Key or legend to abbreviations and acronyms used in the safety data sheet**

ACGIH American Conference of Government Industrial Hygienists

LD50 Lethal Dose 50%

AICS Australia, Inventory of Chemical Substances

LOAEL Lowest Observed Adverse Effect Level

DSL Canada, Domestic Substances List

NFPA National Fire Protection Agency

NDSL Canada, Non-Domestic Substances List

NIOSH National Institute for Occupational Safety &amp; Health

CNS Central Nervous System

NTP National Toxicology Program

CAS Chemical Abstract Service

NZIoC New Zealand Inventory of Chemicals

EC50 Effective Concentration

NOAEL No Observable Adverse Effect Level

EC50 Effective Concentration 50%

NOEC No Observed Effect Concentration

EGEST EOSCA Generic Exposure Scenario Tool

OSHA Occupational Safety &amp; Health Administration

EOSCA European Oilfield Specialty Chemicals Association

PEL Permissible Exposure Limit

EINECS European Inventory of Existing Chemical Substances

PICCS Philippines Inventory of Commercial Chemical Substances

MAK Germany Maximum Concentration Values

PRNT Presumed Not Toxic

GHS Globally Harmonized System

RCRA Resource Conservation Recovery Act

&gt;= Greater Than or Equal To

STEL Short-term Exposure Limit

IC50 Inhibition Concentration 50%

SARA Superfund Amendments and Reauthorization Act.

IARC International Agency for Research on Cancer

TLV Threshold Limit Value

IECSC Inventory of Existing Chemical Substances in China

TWA Time Weighted Average

ENCS Japan, Inventory of Existing and New Chemical Substances

TSCA Toxic Substance Control Act

KECI Korea, Existing Chemical Inventory

UVCB Unknown or Variable Composition, Complex Reaction Products, and Biological Materials

&lt;= Less Than or Equal To

WHMIS Workplace Hazardous Materials Information System

LC50 Lethal Concentration 50%



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