



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

Acute toxicity (oral) : Category 4

GHS Label Elements

Hazard Pictograms



Hazard Word **Danger**

Hazard Statements

Causes serious eye damage
Causes skin irritation
Harmful if swallowed

Precautionary Statements

P280: Wear protective gloves and eye protection
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P264: 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	5-10	tetrasodium N,N-bis(carboxylatomethyl)-L- glutamate
68439-46-3	2-6%	C9-11 Pareth-6
61791-10-4	2-6%	coco alkylbls(hydroxyethyl)methyl. ethoxylated, chlorides



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 (CO₂), 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
68439-46-3	C9-11 Pareth-6	not established
61791-10-4	coco alkylbis(hydroxyethyl)methyl ethoxylated chlorides	not established

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

Flash Point	>213.8 °F	Upper Flamability Limit	Not Determined
Auto Ignition	Not Determined	Lower Flamability Limit	Not Determined
Physical State	Liquid	Color	Green
pH	9-10	Vapor Press	Not Determined
Specific Gravity	1.05	Viscosity	5 cst
Vapor Density (Air=1)	Not Determined	Melting Point °F	25°F
Water Solubility	complete	Odor	Fruiti
		VOC Content	.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 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 **Revision Date** 1/28/2021

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 Sub- stances List
- NFPA National Fire Protection Agency
- NDSL Canada, Non-Domestic Sub- stances List
- NIOSH National Institute for Occupational Safety & 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 & Health Administration
- EOSCA European Oilfield Specialty Chemicals Association
- PEL Permissible Exposure Limit
- EINECS European Inventory of Exist- ing Chemical Substances
- PICCS Philipines Inventory of Commercial Chemical Substances
- MAK Germany Maximum Concentration Values
- PRNT Presumed Not Toxic
- GHS Globally Harmonized System
- RCRA Resource Conservation Recovery Act
- >= Greater Than or Equal To
- STEL Short-term Exposure Limit
- IC50 Inhibition Concentration 50%
- SARA Superfund Amendments and Reauthorization Act.
- IARC International Agency for Re- search 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 Sub- stances
- TSCA Toxic Substance Control Act
- KECI Korea, Existing Chemical Inventory
- UVCB Unknown or Variable Composition, Complex Reaction Products, and Biological Materials
- <= Less Than or Equal To



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WHMIS Workplace Hazardous Materials Information System
LC50 Lethal Concentration 50%