





CWS212 - HydroSuds Ceramic Car Wash Soap

SECTION 1: IDENTIFICATION

- 1.1 GHS Product identifier:** CWS212 - HydroSuds Ceramic Car Wash Soap
- Other means of identification:**
Not applicable (N/A)
- 1.2 Recommended use of the chemical and restrictions on use:**
Relevant uses: Bodywork cleaning
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:**
Chemical Guys
3501 Sepulveda Blvd
90505 Torrance - California - United States
Phone: 866-822-3670 - Fax: 310-988-1061
info@ChemicalGuys.com
www.ChemicalGuys.com
- 1.4 Emergency phone number:** 866-822-3670

SECTION 2: HAZARD(S) IDENTIFICATION

- 2.1 Classification of the substance or mixture:**
29 CFR 1910.1200:
Classification of this product has been carried out in accordance with paragraph (d) of § 1910.1200.
Eye Irrit. 2A: Eye irritation, Category 2A, H319
Skin Irrit. 2: Skin irritation, Category 2, H315
- 2.2 Label elements:**
29 CFR 1910.1200:
Warning
- 
- Hazard statements:**
Eye Irrit. 2A: H319 - Causes serious eye irritation.
Skin Irrit. 2: H315 - Causes skin irritation.
- Precautionary statements:**
P264: Wash hands thoroughly after handling.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501: Dispose of contents/ container in accordance with local/regional/national/international regulation.
- Additional labeling:**
- 
- WARNING**
- Keep out of the reach of children
This product can expose you to chemicals including Sulphur dioxide, which is [are] known to the State of California to cause cancer, and 1,4-dioxane, Formaldehyde, which is [are] known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.
Federal Hazardous Substances Act (FHSA) >> Irritant (Eyes)
May irritate eyes. Do not get in eyes. Keep out of reach of children.
- FIRST AID TREATMENT**
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do and continue rinsing. If eye irritation persists: Get medical advice/attention.
Contains .
- 2.3 Hazards not otherwise classified (HNOC):**
Not applicable (N/A)

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:

Non-applicable

3.2 Mixtures:

Chemical description: Aqueous mixture composed of additives

Components:

Remaining components are non-hazardous and/or present at amounts below reportable limits. The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200. Therefore, in accordance with Appendix D to § 1910.1200, the product contains:

| Identification | Chemical name/Classification | Concentration |
|-----------------|--|---------------|
| CAS: 68584-22-5 | Benzenesulfonic acid, C10-16-alkyl derivs. Eye Irrit. 2A: H319 - Warning | 2.5 - <10 % |
| CAS: 68439-57-6 | Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger | 2.5 - <10 % |
| CAS: 1310-73-2 | sodium hydroxide Skin Corr. 1A: H314 - Danger | 1 - <2.5 % |

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

SECTION 4: FIRST-AID MEASURES

4.1 Description of necessary measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

This product does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist.

By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

4.2 Most important symptoms/effects, acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

4.3 Indication of immediate medical attention and special treatment needed, if necessary:

Not applicable (N/A)

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media:

Non-applicable

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SECTION 5: FIRE-FIGHTING MEASURES (continued)

5.2 Specific hazards arising from the chemical:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Special protective equipment and precautions for fire-fighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

Additional provisions:

As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Only properly trained personnel should be involved in firefighting. Evacuate nonessential personnel from the fire area. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilled product (See section 8). Evacuate the area and keep out those who do not have protection.

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.

6.3 Methods and materials for containment and cleaning up:

For accidental releases in excess of reportable quantities (RQ) (Table 302.4), refer to 40 CFR 302 for detailed instructions concerning reporting requirements and notify the National Response Center (800) 424-8802.

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

Product is non-flammable under normal conditions of storage, manipulation and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

7.2 Conditions for safe storage, including any incompatibilities:

A.- Specific storage requirements

Minimum Temp.: 41 °F

Maximum Temp.: 86 °F

Maximum time: 6 Months

B.- General conditions for storage

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SECTION 7: HANDLING AND STORAGE (continued)

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace:

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000):

| Identification | Occupational exposure limits | |
|------------------------------------|------------------------------|---------------------|
| | 8-hour TWA PEL | 2 mg/m ³ |
| sodium hydroxide CAS: 1310-73-2 | Ceiling Values - TWA PEL | |

CALIFORNIA- TABLE AC-1 PERMISSIBLE EXPOSURE LIMITS FOR CHEMICAL CONTAMINANTS:

| Identification | Occupational exposure limits | |
|------------------------------------|------------------------------|---------------------|
| | PEL | 2 mg/m ³ |
| sodium hydroxide CAS: 1310-73-2 | STEL | 2 mg/m ³ |

8.2 Appropriate engineering controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protection Equipment. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation, the information on clothing performance must be combined with professional judgment, and a clear understanding of the clothing application, to provide the best protection to the worker. All chemical protective clothing use must be based on a hazard assessment to determine the risks for exposure to chemicals and other hazards. Conduct hazard assessments in accordance with 29 CFR 1910.132.

B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands

Not applicable (N/A)

D.- Eye and face protection

Not applicable (N/A)

E.- Bodily protection

Not applicable (N/A)

F.- Additional emergency measures

It is not necessary to take additional emergency measures.

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance:

| | |
|--------------------------|--|
| Physical state at 68 °F: | Liquid |
| Appearance: | Transparent |
| Color: |  Amethyst |
| Odor: | Fruity |

*Not applicable (N/A) due to the nature of the product, not providing information property of its hazards.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

| | |
|--|---------------------------|
| Odour threshold: | Not applicable (N/A) * |
| Volatility: | |
| Boiling point at atmospheric pressure: | 212 °F |
| Vapour pressure at 68 °F: | 2362 Pa |
| Vapour pressure at 122 °F: | 12406.1 Pa (12.41 kPa) |
| Evaporation rate at 68 °F: | Not applicable (N/A) * |
| Product description: | |
| Density at 68 °F: | 1048.5 kg/m ³ |
| Relative density at 68 °F: | 1.048 |
| Dynamic viscosity at 68 °F: | Not applicable (N/A) * |
| Kinematic viscosity at 68 °F: | Not applicable (N/A) * |
| Kinematic viscosity at 104 °F: | Not applicable (N/A) * |
| Concentration: | Not applicable (N/A) * |
| pH: | ~8.75 |
| Vapour density at 68 °F: | Not applicable (N/A) * |
| Partition coefficient n-octanol/water 68 °F: | Not applicable (N/A) * |
| Solubility in water at 68 °F: | Not applicable (N/A) * |
| Solubility properties: | Not applicable (N/A) * |
| Decomposition temperature: | Not applicable (N/A) * |
| Melting point/freezing point: | Not applicable (N/A) * |
| Flammability: | |
| Flash Point: | Non Flammable (>199.4 °F) |
| Flammability (solid, gas): | Not applicable (N/A) * |
| Autoignition temperature: | 707 °F |
| Lower flammability limit: | Not applicable (N/A) * |
| Upper flammability limit: | Not applicable (N/A) * |
| Particle characteristics: | |
| Median equivalent diameter: | Non-applicable |

9.2 Other information:

Information with regard to physical hazard classes:

| | |
|--|------------------------|
| Explosive properties: | Not applicable (N/A) * |
| Oxidising properties: | Not applicable (N/A) * |
| Corrosive to metals: | Not applicable (N/A) * |
| Heat of combustion: | Not applicable (N/A) * |
| Aerosols-total percentage (by mass) of flammable components: | Not applicable (N/A) * |

Other safety characteristics:

| | |
|---------------------------|------------------------|
| Surface tension at 68 °F: | Not applicable (N/A) * |
| Refraction index: | Not applicable (N/A) * |

*Not applicable (N/A) due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

10.2 Chemical stability:

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SECTION 10: STABILITY AND REACTIVITY (continued)

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

| Shock and friction | Contact with air | Increase in temperature | Sunlight | Humidity |
|--------------------|------------------|-------------------------|----------------|----------------|
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |

10.5 Incompatible materials:

| Acids | Water | Oxidising materials | Combustible materials | Others |
|--------------------|----------------|---------------------|-----------------------|-------------------------------|
| Avoid strong acids | Not applicable | Precaution | Not applicable | Avoid alkalis or strong bases |

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for consumption. For more information see section 3
- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Produces eye damage after contact.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
IARC: Sulphur dioxide (3); 1,4-dioxane (2B); Formaldehyde (1)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

Other information:

OECD 435: Irritant

OECD437: Irritant

Specific toxicology information on the substances:

| Identification | Acute toxicity | | Genus |
|--|-----------------|-------------|--------|
| | LD50 oral | LD50 dermal | |
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts CAS: 68439-57-6 | LD50 oral | 2290 mg/kg | Rat |
| | LD50 dermal | 6300 mg/kg | Rabbit |
| | LC50 inhalation | | |
| Benzenesulfonic acid, C10-16-alkyl derivs. CAS: 68584-22-5 | LD50 oral | >5000 mg/kg | Rat |
| | LD50 dermal | | |
| | LC50 inhalation | | |

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

12.1 Ecotoxicity (aquatic and terrestrial, where available):

Acute toxicity:

| Identification | Concentration | | Species | Genus |
|--|---------------|----------------------|------------------------|------------|
| | LC50 | EC50 | | |
| Benzenesulfonic acid, C10-16-alkyl derivs. CAS: 68584-22-5 | LC50 | 10000 mg/L (96 h) | Cyprionodon variegatus | Fish |
| | EC50 | Not applicable (N/A) | | |
| | EC50 | Not applicable (N/A) | | |
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts CAS: 68439-57-6 | LC50 | 4.2 mg/L (96 h) | Brachydanio rerio | Fish |
| | EC50 | 4.53 mg/L (48 h) | Daphnia magna | Crustacean |
| | EC50 | 5.2 mg/L (72 h) | Skeletonema costatum | Algae |
| sodium hydroxide CAS: 1310-73-2 | LC50 | 189 mg/L (48 h) | Leuciscus idus | Fish |
| | EC50 | 33 mg/L | Crangon crangon | Crustacean |
| | EC50 | Not applicable (N/A) | | |

Chronic toxicity:

| Identification | Concentration | | Species | Genus |
|--|---------------|----------------------|---------------|------------|
| | NOEC | NOEC | | |
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts CAS: 68439-57-6 | NOEC | Not applicable (N/A) | | |
| | NOEC | 6.3 mg/L | Daphnia magna | Crustacean |

12.2 Persistence and degradability:

Substance-specific information:

| Identification | Degradability | | Biodegradability | |
|---|---------------|----------------------|------------------|----------------------|
| | BOD5 | COD | Concentration | Period |
| Benzenesulfonic acid, C10-16-alkyl derivs. CAS: 68584-22-5 | BOD5 | Not applicable (N/A) | Concentration | Not applicable (N/A) |
| | COD | Not applicable (N/A) | Period | 28 days |
| | BOD5/COD | Not applicable (N/A) | % Biodegradable | 8 % |

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SECTION 12: ECOLOGICAL INFORMATION (continued)

| Identification | Degradability | | Biodegradability | |
|----------------|--|----------------------|----------------------|---------------|
| | Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts CAS: 68439-57-6 | BOD5 | Not applicable (N/A) | Concentration |
| | COD | Not applicable (N/A) | Period | 28 days |
| | BOD5/COD | Not applicable (N/A) | % Biodegradable | 96 % |

12.3 Bioaccumulative potential:

Substance-specific information:

| Identification | Bioaccumulation potential | |
|----------------|--|----------|
| | Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts CAS: 68439-57-6 | BCF |
| | Pow Log | -1.3 |
| | Potential | Moderate |

12.4 Mobility in soil:

| Identification | Absorption/desorption | | Volatility | |
|--|---|----------------------|------------|-------------------------------|
| | Benzenesulfonic acid, C10-16-alkyl derivs. CAS: 68584-22-5 | Koc | 8320000000 | Henry |
| Conclusion | | Immobile | Dry soil | Not applicable (N/A) |
| Surface tension | | Not applicable (N/A) | Moist soil | Not applicable (N/A) |
| Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts CAS: 68439-57-6 | Koc | 1.6 | Henry | 6.7E-2 Pa·m ³ /mol |
| | Conclusion | Very High | Dry soil | Yes |
| | Surface tension | Not applicable (N/A) | Moist soil | Yes |

12.5 Results of PBT and vPvB assessment:

Non-applicable

12.6 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Disposal methods:

Wastes generated by normal household activities (e.g., routine house and yard maintenance) are excluded from the definition of hazardous waste (Title 40 of the Code of Federal Regulations Part 261.4)

Waste management (disposal and evaluation):

Follow RCRA framework and EPA regulation for to ensure that hazardous waste is managed safely and properly. Waste should not be disposed of to drains. Remind, It is the responsibility of the waste generator to evaluate whether his wastes are hazardous by characteristics or listing. See section 6 for further information about Accidental release measures.

Regulations related to waste management:

Legislation related to waste management:

40 CFR Solid Wastes - Part 239 through 282.

State regulatory requirements for generators may be more stringent than those in the federal program. Be sure to check the state's policies.

SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land:

With regard to 49 CFR on the Transport of Dangerous Goods:

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SECTION 14: TRANSPORT INFORMATION (continued)

- 14.1 UN number:** Not applicable (N/A)
14.2 UN proper shipping name: Not applicable (N/A)
14.3 Transport hazard class(es): Not applicable (N/A)
Labels: Not applicable (N/A)
14.4 Packing group, if applicable: Not applicable (N/A)
14.5 Marine pollutant: No
14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises

Physico-Chemical properties: see section 9

- 14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Not applicable (N/A)

Transport of dangerous goods by sea:

With regard to IMDG 41-22:

- 14.1 UN number:** Not applicable (N/A)
14.2 UN proper shipping name: Not applicable (N/A)
14.3 Transport hazard class(es): Not applicable (N/A)
Labels: Not applicable (N/A)
14.4 Packing group, if applicable: Not applicable (N/A)
14.5 Marine pollutant: No
14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises

Special regulations: Not applicable (N/A)

EmS Codes:

Physico-Chemical properties: see section 9

Limited quantities: Not applicable (N/A)

Segregation group: Not applicable (N/A)

- 14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Not applicable (N/A)

Transport of dangerous goods by air:

With regard to IATA/ICAO 2024:

- 14.1 UN number:** Not applicable (N/A)
14.2 UN proper shipping name: Not applicable (N/A)
14.3 Transport hazard class(es): Not applicable (N/A)
Labels: Not applicable (N/A)
14.4 Packing group, if applicable: Not applicable (N/A)
14.5 Marine pollutant: No
14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises

Physico-Chemical properties: see section 9

- 14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Not applicable (N/A)

SECTION 15: REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations specific for the product in question:**



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SECTION 15: REGULATORY INFORMATION (continued)

- CALIFORNIA LABOR CODE - The Hazardous Substances List: *sodium hydroxide (1310-73-2) ; sulphuric acid (7664-93-9) ; Sulphur dioxide (7446-09-5) ; 1,4-dioxane (123-91-1) ; Formaldehyde (50-00-0)*
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Birth defects or other reproductive harm: *Sulphur dioxide (7446-09-5)*
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Cancer: *1,4-dioxane (123-91-1) ; Formaldehyde (50-00-0)*
- CANADA-Domestic Substances List (DSL): *All components of this product comply with the inventory requirements administered by the governing country*
- CANADA-Non-Domestic Substances List (NDSL): Not applicable (N/A)
- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantities: *sodium hydroxide (1310-73-2) - 1000 lb ; sulphuric acid (7664-93-9) - 1000 lb ; 1,4-dioxane (123-91-1) - U108 ; Formaldehyde (50-00-0) - U122*
- Hazardous Air Pollutants (Clean Air Act): *1,4-dioxane (123-91-1) ; Formaldehyde (50-00-0)*
- NTP (National Toxicology Program): *sulphuric acid (7664-93-9) ; 1,4-dioxane (123-91-1) ; Formaldehyde (50-00-0)*
- OSHA Specifically Regulated Substances (29 CFR 1910.1001-1096): *Formaldehyde (50-00-0)*
- The Toxic Substances Control Act (TSCA) : *All components of this product comply with the inventory requirements administered by the governing country*
- Toxic chemical release reporting under EPCRA section 313 (40 CFR Part 372): *sulphuric acid (7664-93-9) ; 1,4-dioxane (123-91-1) ; Formaldehyde (50-00-0)*

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information provided in this safety data sheet as a foundation for conducting workplace-specific risk assessments. These assessments will help establish the appropriate risk prevention measures for handling, using, storing, and disposing of this product.

Other legislation:

Take into consideration other applicable federal, state, and local laws and local regulations.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with Appendix d to §1910.1200 - Safety data sheets

Texts of the legislative phrases mentioned in section 2:

H315: Causes skin irritation.

H319: Causes serious eye irritation.

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

29 CFR 1910.1200:

Eye Dam. 1: H318 - Causes serious eye damage.

Eye Irrit. 2A: H319 - Causes serious eye irritation.

Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.

Skin Irrit. 2: H315 - Causes skin irritation.

Advice related to training:

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CWS212 - HydroSuds Ceramic Car Wash Soap

SECTION 16: OTHER INFORMATION (continued)

According to 29 CFR 1910.1200, training on chemical hazards is necessary for employees using this product. This training will facilitate their understanding and interpretation of the safety data sheet, as well as the product label.

Principal bibliographical sources:

Occupational Safety & Health Administration (OSHA).

Abbreviations and acronyms:

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

CL50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient

Koc: Partition coefficient of organic carbon

IARC: International Agency for Research on Cancer

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END OF SAFETY DATA SHEET