



SAFETY DATA SHEET

1. Identification

Product Identifier Super Suds Detergent
Other means of identification
Product code CU-5225
Recommended use Manual dishwashing liquid.
Recommended restrictions None.
Manufacturer/supplier/distributor/importer information
Company name Chemical Universe, Inc
Address 1133 Saline Street
North Kansas City, MO 64116
Telephone (816) 471-3602
Emergency phone number PERS (800) 633-8253
24-hour Emergency (800) 633-8253

2. Hazard(s) Identification

Physical hazards Not classified.
Health hazards Skin Irritant Category 2
Eye Irritant Category 2A
Environmental hazards Not classified.
OSHA defined hazards Not listed.
Label elements



Signal word **WARNING**
Hazard statement Causes skin irritation.
Causes serious eye irritation.
Precautionary statement
Prevention Wash hands and exposed skin thoroughly after handling. Wear protective gloves. Wear eye protection/face protection.
Response **IF ON SKIN:** Wash with plenty water. Specific treatment (see Section 4 on the Safety Data Sheet) If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing before reuse.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Storage No prescriptive instruction
Disposal No prescriptive instruction
Hazard(s) not otherwise classified (HNOC) None.
Supplemental information None.

3. Composition/information on ingredients

Mixture Component(s)		
Chemical name	CAS number	%
Sodium lauryl ether sulfate	68585-34-2	3-7
Sodium alkyl ether sulfate	68535-84-2	2-5



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Cocamidopropyl betaine	61789-40-0	0.5-1.5
Benzene sulfonic acid, sodium salts	68081-81-2	2 - 5
Ethanol	64-17-5	1 -2
Other components below reportable levels		80-91

4. First-aid measures

Inhalation	Move to fresh air if irritated.
Skin contact	Rinse with water.
Eye contact	Rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur. Do not induce vomiting.
Most important symptoms/effects, acute and delayed	Dermatitis. Rash. May cause an allergic skin reaction.
Indication of immediate medical attention and special treatment needed	Provide general support measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protecting clothing must be worn in case of fire.
Fire-fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Wear appropriate protective equipment and clothing during clean-up. Wear eye/face protection.
Methods and materials for containment and cleaning up	Caution – spillages may be slippery. Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Small spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly with water to remove residual contamination. Never return spills to original container for re-use. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into surface drainage paths and other areas not consistent with package labeling.



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7. Handling and storage

Precautions for safe handling	Avoid contact with eye. Avoid prolonged exposure. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store in original tightly closed container. Do not store in extreme conditions.

8. Exposure controls/personal protection

Occupational exposure limits

None

Biological limit values

None

Appropriate engineering controls Emergency eye wash stations and showers should be readily accessible.

Individual protection measures, such as personal protective equipment

Eye/face protection Avoid contact with eyes.

Skin protection

Hand protection Wear appropriate chemical resistant gloves.

Other None.

Respiratory protection Respiratory protection not required for prescribed use of this product

Thermal hazards None.

General hygiene considerations When using do not smoke or use chewing tobacco. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

9. Physical and chemical properties

Appearance

Physical State Viscous Liquid.

Color Blue

Odor Mountain Fresh

Odor threshold Not available.

pH 5-7

Melting/freezing point Not available.

Initial boiling point and boiling range >212°F (100°C)

Flash point >385°F (196°C)

Evaporation rate Not available.

Flammability Not available.

Flammability Limits

Upper Not available.

Lower Not available.

Vapor pressure Not available.

Vapor density Not available.

Specific gravity (water=1) 1.01

Solubility in water Soluble

Partition coefficient Not available.



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(n-octanol/water)

Auto-ignition temperature Not available.
 Decomposition temperature Decomposes on heating.
 Viscosity 1500-2000 cP @77°F (25°C).

10. Stability and reactivity

Reactivity This product is stable and non-reactive under normal conditions of use.
 Chemical stability Material is stable under normal conditions.
 Possibility of hazardous reactions Hazardous polymerization does not occur.
 Conditions to avoid Heat, flames can cause product to decompose.
 Incompatible materials None.
 Hazardous decomposition products Carbon dioxide, carbon monoxide.

11. Toxicological information

Information on likely routes of exposure
 Ingestion Expected to be a low ingestion hazard.
 Inhalation Expected to be a low inhalation hazard.
 Skin contact Prolonged skin contact causes irritation.
 Eye contact Repeated and/or prolonged eye contact causes serious eye irritation.
 Symptoms related to the physical, chemical and toxicological characteristics Dermatitis. Rash. May cause an allergic skin reaction.
 Acute toxicity Not established.

Product Super Suds Detergent (CAS mixture)		
Exposure Classification	Route and Species	LD50
Acute	Oral, rat	>3,400 mg/kg (estimated)
Acute	Dermal, rat	>4,200 mg/kg (estimated)

*Estimates for product may be based on additional component data not shown

Skin corrosion/irritation Causes skin irritation.
 Serious eye damage/ irritation Causes serious eye irritation.
 Respiratory sensitization Not classified.
 Skin sensitization Not classified.
 Germ cell mutagenicity Not classified.
 Carcinogenicity Not considered a carcinogen.
 OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not Listed
 Reproductive toxicity Not classified.
 Specific target organ toxicity – single exposure Not classified.
 Specific target organ toxicity – repeated exposure Not classified.
 Aspiration hazard Not considered an aspiration hazard.

12. Ecological information

Ecotoxicity	
Product	Super Suds Detergent (CAS mixture)



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Aquatic Receptor	Species	Test Thresholds
Fish	Oncorhynchus mykiss	LC ₅₀ (96-hr): 510 mg/L (estimated)
Crustacea	Daphnia magna	LC ₅₀ (48-hr): 27 mg/L (estimated)
Algae	NS Blue-green	NOEC: 30 mg/L (literature)

*Estimates for product may be based on additional component data not shown

Persistence and degradability Not available. Chemicals of this class are not expected to be persistent in an open, aerobic environment

Bio-accumulative potential Potential to bioaccumulate is low.

Mobility in soil Not available. Chemicals of these classes are expected to exhibit moderate to high mobility in saturated and semi-saturated soils.

Other adverse effects Not available.

13. Disposal considerations

Disposal instructions Dispose of in accordance with local regulations.

Local disposal regulations None. As packaged, this product is not believed to meet criteria defining RCRA hazardous wastes when disposed. (40 CFR Part 261, Subpart C). Before selecting disposal method, ensure that the waste materials have been properly assessed and, as necessary, tested to confirm regulatory status.

Waste from residues/unused product Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. (see: Disposal instructions).

Contaminated packaging Empty containers should be rinsed with water and recycled.

14. Transport information

DOT Not regulated as dangerous goods.

15. Regulatory information

US federal regulations

SARA 302 Extremely hazardous substance Not listed

SARA 304 Emergency release notification Not listed.

SARA 311/312 Hazard Categories

Immediate Hazard - Yes

Delayed Hazard – No

Fire Hazard – No

Pressure Hazard – No

Reactivity Hazard – No

SARA 313 (TRI reporting) Not listed.

California Proposition 65



WARNING This product can expose you to chemicals including Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

16. Other information, including date of preparation or last revision

Issue date 9/20/2019

Revision date 9/26/2019

Version # 2

HMIS® ratings Health: 1
Flammability: 0



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Physical hazard: 0

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	<input type="checkbox"/>

NFPA ratings

Health: 1
Flammability: 0
Instability: 0



Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, and have been obtained from resources believed to be reliable. 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 related 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 by the text.

Revision information

Revised formula and content update; General format update; Refine composition table, amend physical data; Update toxicology thresholds and environmental fate information; Text clarification amendments Sections 5,6,8,9 and 12. PPE recommendation updated; California Proposition 65 notice; HMIS and NFPA pictograms added.