



SAFETY DATA SHEET

1. Identification

Product Identifier **Cream Suds**
Other means of identification
 Product code CU-5200
Recommended use Manual dishwashing liquid.
Recommended restrictions None.
Manufacturer information
 Company name **Chemical Universe, Inc.**
 Address 1133 Saline St.
 North Kansas City, MO 64116

 Telephone (816) 471-3602
 Fax (816) 474-3302
Emergency phone number PERS 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	3-10



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Sodium dodecylbenzenesulfonate	25155-30-0	1-5
1-Propanaminium, 3-amino-N- (carboxymethyl)-N,N-dimethyl-, N-coco acyl derivatives, hydroxides,	61789-40-0	1-5
Other components below reportable levels		80-94

4. First-aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Monitor for development of breathing difficulty or irritation of the upper respiratory tract. If addition symptoms occur, seek immediate medical treatment.
Skin contact	Rinse with water. Monitor for signs of allergic skin reaction
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. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Get medical attention if vomiting or other symptoms occur. Do not induce vomiting. If vomiting occurs keep head low to prevent stomach contents entering the lungs.
Most important symptoms/effects, acute and delayed	Dermatitis. Rash. May cause an allergic skin reaction. Pain, swelling excessive tearing and redness of the eye. Headache and nausea may occur if swallowed.
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. Thermal decomposition products may include carbon monoxide and nitrogen oxides.

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 labeled containers. Prevent entry into waterways, storm sewers or confined areas.



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Small spills: Wipe up with absorbent material (e.g. cloth, absorbent wipes). Clean surface thoroughly with water to remove residual contamination.

Avoid returning 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. In the event of large spills released to the environment, contact local authorities.

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	Type	Exposure Limit
OSHA (United States)		
Ethanol	PEL	1000 ppm
ACGIH TLV (United States)		
Ethanol	TWA	1000 ppm

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. Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes,

Skin protection

Hand protection The use of gloves impervious to the specific material handled is advised to prevent skin contact. Users should check with manufacturers to confirm the breakthrough performance of their products. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Suggested protective materials: Nitrile, latex and PVC rubber.

Other None.

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

Thermal hazards None applicable for prescribed use of this product

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	Pink.
Odor	Mild, characteristic
Odor threshold	Not available.
pH	5-7
Melting/freezing point	Not available.



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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 (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Product components can decompose upon heating to temperatures over 260°F.
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 Cream Suds (CAS mixture)		
Exposure Classification	Route and Species	LD50/ LC50
Acute	Oral, rat	>5,000 mg/kg (estimated)
Acute	Dermal, rabbit	> 9,350 mg/kg (literature)

*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.



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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 Cream Suds (CAS mixture)		
Aquatic Receptor	Species	Test Threshold(s)
Fish	Oncorhynchus mykiss (rainbow trout)	LC ₅₀ (96-hr): >510 mg/L (estimated)
Fish	Brachydanio rerio (mosquitofish)	LC ₅₀ (96-hr): >470 mg/L (estimated)
Crustacea	Daphnia	EC ₅₀ (48-hr): >26 mg/L (estimated)
Algae	Desmodesmus subspicatus)	EoC50 (72-hr) <600 mg/L (estimated)
*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 bio-accumulate is low.
Mobility in soil	Not available. Chemicals of these classes are highly water soluble and will partition readily to water and weakly to particles in low-clay soil matrices. They are expected to exhibit moderate to high mobility in saturated and semi-saturated soils
Other adverse effects	No other adverse environmental effects known (<i>i.e. ozone depleting substance, tropospheric ozone precursor, greenhouse gas emission, endocrine disruptor or other deleterious environmental effect</i>)

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.



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SARA 311/312 Hazard Categories

Immediate Hazard - No
Delayed Hazard – No
Fire Hazard – No
Pressure Hazard – No
Reactivity Hazard – No

SARA 313 (TRI reporting) Not listed.

TSCA – All chemical components used to manufacture this product comply with the Toxic Substances Control Act (TSCA) registry requirements and are either listed within, or exempted from, the current TSCA 8(b) inventory.

California Proposition 65 **California Safe Drinking Water and Toxic Enforcement Act of 1986**
This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to threshold determination and Safe Harbor notification (1/2019)

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

Issue date 2/18/2015
Revision date 9/2/2019, 4/27/2020
Version # 3
HMIS® ratings Health: 1
Flammability: 0
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



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material used in combination with any other materials or in any process, unless specified by the text.

Revision information

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
4/27/2020 TCSA language update; Update environmental fate language; Logo update