



SAFETY DATA SHEET

1. Identification

Product Identifier Foaming Degreaser
Other means of identification
Product code 21-BPNP, 21-CLLE, 121-CLL, 21-CJRL
Recommended use Foaming degreaser.
Recommended restrictions None.
Manufacturer information
Company name Chemical Universe, Inc.
Address 1841 Vernon St
North Kansas City, MO 64116
Telephone (816) 471-3602
Fax (816) 474-3302
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 2B
Environmental hazards Not classified.
OSHA defined hazards Not listed.
Label elements



Signal word **WARNING**
Hazard statement Causes skin irritation.
Causes eye irritation.
Precautionary statement
Prevention Wash hands and exposed skin thoroughly after handling. Wear protective gloves.
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 special instructions
Disposal No special instructions
Hazard(s) not otherwise classified (HNOC) None.
Supplemental information None.

3. Composition/information on ingredients

Mixture Component(s)		
Chemical name	CAS number	%
Diethylene glycol Monoethyl ether	111-90-0	3-8
Sodium dodecylbenzene sulfonate	25155-30-0	3-8
Other components below reportable levels		84-95



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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, synthetic textile wipes). 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 areas not consistent with package labeling.

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.



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8. Exposure controls/personal protection

Occupational exposure limits		
US AIHA Workplace Environmental Exposure Level (WEEL) Guides (2009)		
Components	Type	Value
Diethylene glycol Monoethyl ether	TWA	25 ppm (140 mg/m ³)

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. Nitrile and PVC are recommended materials

Other None.

Respiratory protection Respiratory protection not required.

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 Liquid.

Color Bright green.

Odor Fresh, floral.

Odor threshold Not available.

pH 11-12

Melting/freezing point Not available.

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

Flash point >212°F (100°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) 1.03

Solubility in water Soluble

Partition coefficient (n-octanol/water) Not applicable.

Auto-ignition temperature Not available.

Decomposition temperature Decomposes on heating.

Viscosity Not available.

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.



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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 contacts cause irritation.

Eye contact Repeated and/or prolonged eye contact causes eye irritation.

Symptoms related to the physical, chemical, and toxicological characteristics Dermatitis. Rash. May cause an allergic skin reaction.

Acute toxicity Not established.

Product Foaming Degreaser (CAS mixture)		
Exposure Classification	Route and Species	LD50
Acute	Oral, rat	>5,000 mg/kg (estimated)
	Dermal, rabbit	>9,140 mg/kg

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

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation Causes 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 Foaming Degreaser (CAS mixture)		
Aquatic Receptor	Species	Test Results
Fish	Oncorhynchus mykiss (rainbow trout)	LC ₅₀ (96hr): 1000 mg/L estimated
Crustacea	Daphnia magna	EC ₅₀ >2000 mg/L – 48-hr

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

Persistence and degradability Not available. Chemicals of this class are known to be degradable in a toxic environment

Bioaccumulative potential Potential to bioaccumulate is low.



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Mobility in soil Not available. Expected to have moderate mobility in saturated soils
Other adverse effects Not available.

13. Disposal considerations

Disposal instructions Dispose of in accordance with local regulations.
Local disposal regulations None. Check with local disposal authorities before presenting liquid waste for land disposal. This product, as packaged, is not believed to be a hazardous waste upon disposal (40 CFR Part 261, Subpart C)
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

California **California Safe Drinking Water and Toxic Enforcement Act of 1986**

Proposition 65 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 (3/2021)

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

Issue date 1/15/2015
Revision date 9/28/2021
Version # 2
HMIS® ratings Health: 1
Flammability: 0
Physical hazard: 0



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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

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. Upgrade personal protection and environment fate information. Logo update