



SAFETY DATA SHEET

1. Identification

Product Identifier Lock-N-Load #121 Foaming Degreaser

Other means of identification

Product code CU-L-121

Recommended use Foaming degreaser.

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 (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

Disposal

Hazard(s) not otherwise classified (HNOC) None.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

| Chemical name | CAS number | % |
|--|------------|--------|
| Diethylene glycol monoethyl ether | 111-90-0 | 3-8 |
| Sodium dodecylbenzenesulfonate | 25155-30-0 | 3-8 |
| Other components below reportable levels | | 90-100 |

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

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|--|--|
| 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 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

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|---|--|
| 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

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.

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.

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) 1.0

Solubility in water Soluble

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

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. |
| 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

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|---|--|
| 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 eye irritation. |
| Symptoms related to the physical, chemical and toxicological characteristics | Dermatitis. Rash. May cause an allergic skin reaction. |
| Acute toxicity | Not established. |

| Product | Route and Species | LD50 |
|--|--------------------------|------------------------|
| Lock-N-Load #121 Foaming Degreaser (CAS mixture) | | |
| Acute | <i>Oral, rat</i> | >5,000 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 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 | Species | Test Results |
|--|----------------|---------------------|
| Lock-N-Load #121 Foaming Degreaser (CAS mixture) | | |
| Aquatic | | |

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

| | |
|--------------------------------------|------------------------------------|
| Persistence and degradability | Not available. |
| Bioaccumulative potential | Potential to bioaccumulate is low. |
| Mobility in soil | Not available. |
| Other adverse effects | Not available. |

13. Disposal considerations

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|---|---|
| Disposal instructions | Dispose of in accordance with local regulations. |
| Local disposal regulations | None. |
| 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.

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

| | |
|----------------------|---|
| Issue date | 1/15/2015 |
| Revision date | 1/15/2015 |
| Version # | 1 |
| HMIS® ratings | Health: 1 Flammability: 0 Physical hazard: 0 |
| 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

First issue