

Material Safety Data Sheet LC-1 Final Car Wash Cleaner Concentrate with Drying Agents

Section 1. Chemical Product and Company Identification

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|------------------------------------|---|----------------------------|
| Product Name | LC-1 Final Car Wash Cleaner Concentrate with Drying Agents | |
| Product Number | NTN lcd1a | |
| Manufacturer/ Supplier | NuTech Specialties, Inc. 9811 So. 6150 W. West Jordan, UT 84088 | |
| Phone Number | (801) 253-1000 (Mon-Fri/ 8am- 5pm MT) | |
| D.O.T. Emergency Phone: | 1-800-633-8253 | |
| Date of Preparation | April 21, 2014 | Revision Number 1.0 |

Section 2. Hazards Identification

Emergency overview **This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.**

DANGER!

Keep out of reach of children.
Keep container closed during storage. For institutional and commercial use.

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| Potential Acute Health Effects | Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion. Non-corrosive for skin |
| Routes of Entry | Absorbed through skin. Eye contact. Ingestion. |
| Eyes | Slightly hazardous in case of eye contact (irritant). May cause burning and irritation if splashed in eyes. |
| Skin | No adverse effects. |
| Inhalation | Not a primary rout of exposure |
| Ingestion | Slightly hazardous in case of ingestion. May cause gastrointestinal irritation if swallowed |
| Medical conditions aggravated by exposure: | There is no known effect from chronic exposure to this product. |
| Potential Chronic Health | There is no known effect from chronic exposure to this product. |
| Carcinogenic Effects | Not classified or listed by IARC, NTP, OSHA, EU and ACGIH. |
| Target Organs | Not available |
| Environmental Effects | Not available |

Section 3. Composition and Information on Ingredients

| Name | CAS # | % by Weight | Exposure Limits | LC ₅₀ /LD ₅₀ |
|-----------------------|------------|-------------|-----------------|------------------------------------|
| Sodium Hydroxide | 1310732 | <3% | | |
| Benzene Sulfonic Acid | 68584-22-5 | 10% | | |

Section 4. First Aid Measures

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| Eye Contact | In case of contact with eyes, flush with plenty of water followed by and application of a boric acid solution |
| Skin Contact | Wash with soap and water. |
| Inhalation | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. |
| Ingestion | Have conscious person drink large volumes of water and mild acidic fruit juice. DO NOT induce vomiting. Seek medical attention. |
| General Advice | In case of Accident or if you feel unwell, seek medical advice immediately (show label or MSDS where possible). |
| Notes to Physician | Not available |

Section 5. Fire Fighting Measures

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| Flammability | Non Flammable |
| Fire Fighting Media and instructions | None |
| Products of Combustion | Not available |
| Special Remarks on Fire Hazards | None |
| Special Remarks on Explosion Hazards | None |
| Sensitivity to Mechanical Impact | None |
| Sensitivity to Static Discharge | Not available |
| Protection of Fire Fighters | See special remarks on Fire Hazards |

Section 6. Accidental Release Measures

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| Personal Precautions | Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product. |
|-----------------------------|---|

Methods for Containment Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Environmental Precautions Dilute concentration with water and flush to sewer. Empty container might be offered for recycling or sent to an authorized landfill. Product is biodegradable and non-toxic.

Methods for Clean Up Flush all affected surfaces with water. Wipe or dry, product is non-corrosive.

Section 7. Handling and Storage

Precautions Read label instructions before using. Protect product from freezing. After handling, always wash hands thoroughly with soap and water.

Incompatibility No incompatible product according to our data base.

Storage Keep out of the reach of children. Not for use or storage in or around the home.

Keep out of reach of children.
Keep container closed during storage.

Section 8. Exposure Controls/Personal Protection

Engineering Controls

Personal Protection Good general ventilation should be sufficient to control airborne levels.

Eyes Safety goggles

Body None

Respiratory Not applicable

Hands Not applicable

Protective Clothing (Pictograms)



Exposure Limits See Section 2 For Applicable Exposure Limits.

Section 9. Physical and Chemical Properties

Physical State and Appearance Blue Liquid

Molecular Weight N/A

pH 9

Boiling/Condensation Point 200 F

| | |
|--|---------------------------------------|
| Melting/Freezing Point | 32 F |
| Critical Temperature | N/A |
| Instability Temperature | N/A |
| Specific Gravity | (H2O = 1): 1.020 |
| Vapor Pressure | (Non-Aerosols)(mm Hg and Temperature) |
| Vapor Density | (Air = 1) |
| Volatility | N/A |
| VOC | N/A |
| Evaporation Rate | (H2O = 1) |
| Dispersion Properties | N/A |
| Solubility | Complete in water |
| The Product is: | Alkaline Liquid |
| Auto-ignition Temperature | N/A |
| Flash Points | >212 F |
| Flammable Limits | N/A |
| Fire Hazards in Presence Of Various Substances | None |
| Explosion Hazards in Presence of Various Substances | None |
| Odor | Chemical |
| Color | Blue |

Section 10. Stability and Reactivity Data

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| Stability | The product is stable. |
| Incompatibility with Various Substances | No incompatible product according to our data base |
| Hazardous Decomposition Products | Will not occur |

Section 11. Toxicological Information

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| Routes of Entry | Absorbed through skin. Eye contact. Inhalation. Ingestion. |
| Toxicity to Animals | Depending on concentration of sodium hydroxide: Rabbit 1350mg / kg Oral Rat 140mg / kg |
| Acute Effects on Humans | Not available |
| Eyes | Slightly hazardous in case of eye contact (irritant). May cause burning and irritation if splashed in eyes. |
| Skin | No adverse effects |

| | |
|---|---|
| Inhalation | No adverse effects |
| Ingestion | Slightly hazardous in case of ingestion. May cause gastrointestinal irritation if swallowed |
| Chronic Effects on Humans | There is no known effect from chronic exposure to this product. |
| Special Remarks on Toxicity to Animals | Not available |
| Special Remarks on Chronic Effects on Humans | Not available |

Section 12. Ecological Information

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| Ecotoxicity | Not available |
| BOD5 and COD | Not available |
| Products of Biodegradation | Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. |
| Toxicity of the Products of Biodegradation | Not available |
| Special Remarks on the Products of Biodegradation | Not available |

Section 13. Disposal Considerations

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| Waste Information | Waste must be disposed of in accordance with federal, state and local environmental control regulations. |
| Waste Stream | Not available |

Section 14. Transport Information

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|---|-----------------------------------|
| DOT (U.S.A.) (Pictograms) | Not regulated by DOT |
| TDG Classification | Not controlled under TDG (Canada) |
| PIN UN, Proper Shipping Name, PG | Not applicable |
| Maritime Transportation | Not a "marine pollutant" |
| Special Provisions for Transport | Not available |

Section 15. Regulatory Information and Pictograms

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|------------------------------|--------------------------------------|---|
| Regulatory Lists | No products were found. | |
| Other Regulations | Not available, or of its ingredients | |
| Other Classifications | HCS (U.S.A.) | Not controlled under HCS (United States) |
| | USA Regulatory | This product does NOT contain components that are known to the state of |

Lists California to Cause Cancer or Reproductive Harm at or above California Prop 65 No Observable Effect Level (NOEL) (Safe Harbor Level).
Massachusetts RTK
SARA 302 Extremely Hazardous Substances - Not listed
SARA 311 - 1. Immediate (acute) health hazard
SARA 313: No components found

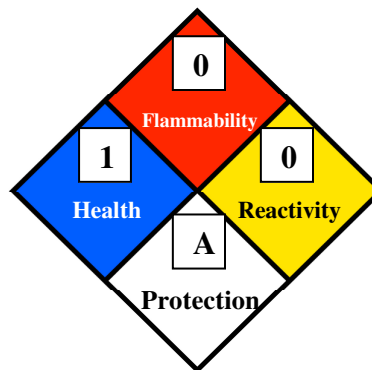
DSD (EEC) This product is not classified according to the EU regulations.

International Regulations Lists No Products were found.

Hazardous Material Information System (U.S.A.)



National Fire Protection Association (U.S.A.)



WHMIS (Classification) Not controlled under WHMIS (Canada).

The Hazard Ranking systems presented on this MSDS sheet provide only a quick reference for hazard information. The ENTIRE MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product.

Section 16. Other Information

Expiry Date 3 (Three Years) from the date of preparation indicated in Section 1.

Validated by **Verified by**

Printed

Information Contact

Notice to Reader:

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Validated on **NuTech Specialties, Inc.**