

Prepared according to 29CFR 1910.1200.

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| 1 | <b>Chemical Product and Company Identification</b> |
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*Nu-Calgon Wholesaler  
2008 Altom Ct.  
St. Louis, MO 63146  
Phone:800-554-5499  
Fax:314-554-5499*

**Product Trade Name** CP-4214-320  
**CAS Number** Not applicable for mixtures.  
**Synonyms** None.  
**Generic Chemical Name** Mixture.  
**Product Type** Multipurpose.  
**Preparation/Revision Date** 05August 2009  
**Transportation Emergency Phone No.** (CHEMTREC ) 1-800-424-9300  
**Part No.** 4319-05

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| 2 | <b>Hazards Identification</b> |
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**Appearance** Clear liquid.  
**Odor** Ester-like  
**Principal Hazards**

- **This material has no known health hazards.**

This material is not considered hazardous by the OSHA Hazard Communication Standard 29CFR 1910.1200.  
**See Section 11 for complete health hazard information.**

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| 3 | <b>Composition/Information on Ingredients</b> |
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**Hazardous Ingredients** This material has no known hazards under applicable laws.

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| 4 | <b>First Aid Measures</b> |
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**Eyes** Flush with water at least 30 minutes. Get medical attention if eye irritation develops or persists.  
**Skin** Wash with soap and water. Get medical attention if irritation develops. Launder contaminated clothing before reuse.<sup>4</sup>

**Inhalation** Remove exposed person to fresh air if adverse effects are observed.  
**Oral** DO NOT INDUCE VOMITING. Get immediate medical attention.  
**Additional Information** Note to physician: Treat symptomatically.

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| <b>5</b> | <b>Fire Fighting Measures</b> |
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**Flash Point** > 242 °C, 468 °F COC (Minimum)  
**Extinguishing Media** CO2, dry chemical, or foam. Water can be used to cool and protect exposed material.  
**Firefighting Procedures** Recommend wearing self-contained breathing apparatus. Water may cause splattering.  
**Unusual Fire & Explosion Hazards** Not determined.

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| <b>6</b> | <b>Accidental Release Measures</b> |
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**Spill Procedures** Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations. Ventilate area if spilled in confined space or other poorly ventilated areas. Prevent entry into sewers and waterways. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material.

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| <b>7</b> | <b>Handling and Storage</b> |
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**Pumping Temperature** Not determined.  
**Maximum Handling Temperature** Not determined.  
**Handling Procedures** Keep containers closed when not in use. Wash thoroughly after handling. Empty container contains product residue which may exhibit hazards of product.  
**Maximum Storage Temperature** Not determined.  
**Storage Procedures** No special storage precautions required.  
**Loading Temperature** Not determined.

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| <b>8</b> | <b>Exposure Controls/Personal Protection</b> |
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**Exposure Limits** None established  
**Other Exposure Limits** None known.  
**Engineering Controls** Use with adequate ventilation.  
**Gloves Procedures** Neoprene.  
**Eye Protection** Safety Glasses.  
**Respiratory Protection** Use NIOSH/MSHA approved respirator with an organic vapor cartridge if exposure limit is exceeded.  
**Clothing Recommendation** Long sleeve shirt is recommended. Launder contaminated clothing before reuse.

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| <b>9</b> | <b>Physical and Chemical Properties</b> |
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**Flash Point** > 242 °C, 468 °F COC (Minimum)  
**Upper Flammable Limit** Not determined.  
**Lower Flammable Limit** Not determined.  
**Autoignition Point** Not determined.  
**Explosion Data** Material does not have explosive properties.

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| <b>Vapor Pressure</b>            | Not determined. |
| <b>pH</b>                        | Not determined. |
| <b>Specific Gravity</b>          | 1.02 (15.6 °C)  |
| <b>Bulk Density</b>              | Not determined. |
| <b>Water Solubility</b>          | Insoluble.      |
| <b>Percent Solid</b>             | Not determined. |
| <b>Percent Volatile</b>          | Unknown.        |
| <b>Volatile Organic Compound</b> | Not determined. |
| <b>Vapor Density</b>             | Not determined. |
| <b>Evaporation Rate</b>          | Not determined. |
| <b>Odor</b>                      | Ester-like      |
| <b>Appearance</b>                | Clear liquid.   |
| <b>Viscosity</b>                 | Unknown.        |
| <b>Odor Threshold</b>            | Unknown.        |
| <b>Boiling Point</b>             | Not determined. |
| <b>Pour Point Temperature</b>    | Not determined. |
| <b>Melting / Freezing Point</b>  | Not determined. |

*The above data are typical values and do not constitute a specification. Vapor pressure data are calculated unless otherwise noted.*

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| <b>10</b> | <b>Stability and Reactivity</b> |
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| <b>Stability</b>                 | Material is normally stable at moderately elevated temperatures and pressures.                 |
| <b>Decomposition Temperature</b> | Not determined.  |
| <b>Incompatibility</b>           | Strong acids. Strong bases.  |
| <b>Polymerization</b>            | Will not occur.  |
| <b>Thermal Decomposition</b>     | Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion. |
| <b>Conditions to Avoid</b>       | Not determined.  |

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| <b>11</b> | <b>Toxicological Information</b> |
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**-- ACUTE EXPOSURE --**

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| <b>Eye Irritation</b>           | Not expected to cause eye irritation. Based on data from components or similar materials.   |
| <b>Skin Irritation</b>          | Not expected to be a primary skin irritant. Based on data from components or similar materials.   |
| <b>Respiratory Irritation</b>   | No data available to indicate product or components may cause respiratory irritation under normal workplace conditions and good industrial hygiene practices. |
| <b>Dermal Toxicity</b>          | The LD50 in rabbits is > 2000 mg/Kg. Based on data from components or similar materials.  |
| <b>Inhalation Toxicity</b>      | No data available to indicate product or components may be a toxic inhalation hazard.   |
| <b>Oral Toxicity</b>            | The LD50 in rats is > 5000 mg/kg. Based on data from components or similar materials.   |
| <b>Dermal Sensitization</b>     | No data available to indicate product or components may be a skin sensitizer.   |
| <b>Inhalation Sensitization</b> | No data available to indicate product or components may be respiratory sensitizers.   |

**-- CHRONIC EXPOSURE --**

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| <b>Chronic Toxicity</b> | No data available to indicate product or components present at greater than 1% are chronic health hazards. |
| <b>Carcinogenicity</b>  | No data available to indicate any components present at greater than 0.1% may present a                    |

|                              |   |
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|                              | carcinogenic hazard.  |
| <b>Mutagenicity</b>          | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.              |
| <b>Reproductive Toxicity</b> | No data available to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity. |
| <b>Teratogenicity</b>        | No data available to indicate product or any components contained at greater than 0.1% may cause birth defects.               |

**-- ADDITIONAL INFORMATION --**

**Other** No other health hazards known.

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| <b>12</b> | <b>Ecological Information</b> |
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**-- ENVIRONMENTAL TOXICITY --**

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| <b>Freshwater Fish Toxicity</b>          | The acute LC50 is > 1000 mg/L based on component data.             |
| <b>Freshwater Invertebrates Toxicity</b> | The acute EC50 is > 1000 mg/L based on component data.             |
| <b>Algal Inhibition</b>                  | The acute EC50 is > 1000 mg/L based on component data.             |
| <b>Saltwater Fish Toxicity</b>           | Not determined.  |
| <b>Saltwater Invertebrates Toxicity</b>  | Not determined.  |
| <b>Bacteria Toxicity</b>                 | The acute EC50 for bacteria is > 1000 ppm based on component data. |
| <b>Miscellaneous Toxicity</b>            | Not determined.  |

**-- ENVIRONMENTAL FATE --**

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| <b>Biodegradation</b>  | At least 75% of the components in this product show rapid biodegradation based on OECD 301-type test data. |
| <b>Bioaccumulation</b> | 25% or greater of the components display no potential to bioconcentrate.                                   |
| <b>Soil Mobility</b>   | Not determined.  |

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| <b>13</b> | <b>Disposal Consideration</b> |
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**Waste Disposal** This material, if discarded, is not a hazardous waste under RCRA Regulation 40 CFR 261.

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| <b>14</b> | <b>Transport Information</b> |
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| <b>ICAO/IATA (US)</b>            | Not regulated.                                     |
| <b>ICAO/IATA (International)</b> | Not regulated.                                     |
| <b>IMDG</b>                      | Not regulated.                                     |
| <b>IMDG EMS Fire</b>             | Not applicable.                                    |
| <b>IMDG EMS Spill</b>            | Not applicable.                                    |
| <b>IMDG MFAG</b>                 | Not applicable.                                    |
| <b>IMO Marine Vessel</b>         | DO NOT TRANSPORT - ADDITIONAL INFORMATION REQUIRED |
| <b>U.S. Barge</b>                | DO NOT TRANSPORT - ADDITIONAL INFORMATION REQUIRED |
| <b>USCG Compatibility</b>        | Not determined.                                    |
| <b>U.S. DOT Bulk</b>             | Not regulated.                                     |
| <b>U.S. DOT Non-Bulk</b>         | Not regulated.                                     |
| <b>DOT NAERG</b>                 | Not applicable.                                    |
| <b>TDG Bulk</b>                  | Not regulated.                                     |

**TDG Non-Bulk** Not regulated.  
**Mexico** Not regulated.  
**Mexico Non-Bulk** Not regulated.  
**Bulk Quantity** 85000 liters, 22457 gal.  
**Non-Bulk Quantity** 207.8 liters, 55 gal.

*Review classification requirements before shipping materials at elevated temperatures.*

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| <b>15</b> | <b>Regulatory Information</b> |
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**-- Global Chemical Inventories --**

**USA** All components of this material are on the US TSCA Inventory or are exempt.

**Other TSCA Reg.** None known.

**EU** All components are in compliance with the EC Seventh amendment Directive 92 /32/EEC.

**Japan** This product requires notification in Japan.

**Australia** This product requires notification before sale in Australia.

**Canada** This product requires notification before sale in Canada.

**Switzerland** All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.

**Korea** This product requires notification before sale in Korea.

**Philippines** All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).

**China** This product requires notification in China.

**-- Other U.S. Federal Regulations --**

**SARA Ext. Haz. Subst.** This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.

**SARA Section 313** This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substance) of any chemical substances listed under SARA Section 313.

**SARA 311 Classifications**

|                   |    |
|-------------------|----|
| Acute Hazard      | No |
| Chronic Hazard    | No |
| Fire Hazard       | No |
| Reactivity Hazard | No |

**CERCLA Hazardous Substances** None known.

**FDA Approval** Not applicable.

**-- State Regulations --**

**Cal. Prop. 65** This product does not intentionally contain any chemicals known by the State of California to cause cancer and/or birth defects. Moreover, we do not routinely analyze its products for impurities which may be such chemicals.

**-- Product Registrations --**

**U.S. Fuel Registration** Not applicable.

**U.S. Dept of Agriculture** This product has not been filed with the USDA to support H2 approvals.

**NSF Nonfood Compounds Registration** This product has not been filed with the NSF to support H1 or H2 approvals.

**Finnish Registration Number** Not Registere

**Swedish Registration Number** Not Registered  
**Norwegian Registration Number** Not Registered  
**Danish Registration Number** Not Registered  
**Swiss Registration Number** Not Registered  
**Italian Registration Number** Not Registered  
**Korean Registration Number** Not Registered  
**New Zealand Registration Number** Not Registered

**-- Other / International --**

**TDG Regulated Limit.** None known.  
**U.S. Tariff Heading Number** 3403.19.50.00  
**Schedule B Number** 3403.19.0000

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| <b>16</b> | <b>Other Information</b> |
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**US NFPA Codes**

| Health | Fire | Reactivity | Special |
|--------|------|------------|---------|
| 0      | 1    | 0          | N/E     |

(N/E) - None established

**HMIS Codes**

| Health | Fire | Reactivity |
|--------|------|------------|
| 0      | 1    | 0          |

**Precautionary Labels**

- **This material has no known health hazards.**

**Revision Indicators**

|  |                          |
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| Section: 5 FLASH POINT                     | Changed: 5 December 2006 |
| Section: 5 UNUSUAL FIRE & EXLOSION HAZARDS | Changed: 5 December 2006 |
| Section: 6 SPILL PROCEDURES                | Changed: 5 December 2006 |
| Section: 8 CLOTHING RECOMMENDATIONS        | Changed: 5 December 2006 |
| Section: 9 FLASH POINT                     | Changed: 5 December 2006 |
| Section: 14 US BARGE                       | Changed: 5 December 2006 |

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