

Prepared according to 29CFR 1910.1200.

1	Chemical Product and Company Identification
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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

2	Hazards Identification
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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.

3	Composition/Information on Ingredients
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Hazardous Ingredients This material has no known hazards under applicable laws.

4	First Aid Measures
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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.⁴

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.

5	Fire Fighting Measures
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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.

6	Accidental Release Measures
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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.

7	Handling and Storage
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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.

8	Exposure Controls/Personal Protection
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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.

9	Physical and Chemical Properties
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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.

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

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

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

11	Toxicological Information
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-- ACUTE EXPOSURE --

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

-- CHRONIC EXPOSURE --

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

	carcinogenic hazard.
Mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Reproductive Toxicity	No data available to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity.
Teratogenicity	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.

12	Ecological Information
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-- ENVIRONMENTAL TOXICITY --

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

-- ENVIRONMENTAL FATE --

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

13	Disposal Consideration
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Waste Disposal This material, if discarded, is not a hazardous waste under RCRA Regulation 40 CFR 261.

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

15	Regulatory Information
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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

16	Other Information
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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

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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