



## Material Safety Data Sheet

### Hero™ Biobased Kitchen Cleaner

#### Section I

Manufacturer's name:  Solvent-Systems International, Inc. 70 King Street, Elk Grove Village, IL 60007, USA	HMIS Rating: <b>Health: 1, Fire: 0, Reactivity: 0</b> <hr/> Telephone Number for Information: <b>847-437-1100</b> <hr/> Date Prepared: <b>November 4, 2009</b>
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#### Section II—Ingredients/Identity Information

Components (Specific Chemical Identity, Common Name(s))	CAS #
Saponified Vegetable Oil	Blend
Anionic/Nonionic Surfactant	Blend
Alcohol Ethoxylate	
Sodium Xylene Sulfonate (40 %)	1300-72-7
Cocoamide DEA	68603-42-9
Sodium dodecylbenzenesulfonate	25155-30-0
2,2'-iminobis-, N-[3-(branched decyloxy)propyl] derives, N-oxide	68478-65-9
Lauramine Oxide	1643-20-5
Sodium Silicate Liq. (45%)	1344-09-8
Tetra sodium ethylenediaminetetraacetate	64-02-8
Fragrance	Blend

#### Section III—Physical/Chemical Characteristics

Boiling Point  <b>212 * F</b> Vapor Pressure (mm Hg)  <b>NA</b> Vapor Density (AIR = 1)  <b>NA</b> Solubility in Water  <b>Miscible</b> Appearance and Odor  <b>STRAW COLOR WITH PLEASANT ODOR LIQUID</b>	Specific Gravity (H <sub>2</sub> O = 1) <b>1. 0272</b> Melting Point  <b>NA</b> Evaporation Rate (Butyl Acetate = 1)  <b>NA</b>
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*Note: There is no warranty, expressed or implied, as to accuracy, completeness or adequacy of the information contained herein, and neither the provider nor the manufacturer are liable to any party for the damages of any nature, related (directly or indirectly) to this MSDS*

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## Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used) :	Flammable Limits	LEL:	UEL:
NA		NA	NA

Extinguishing Media:

Water spray or regular foam or Dry chemicals, Blanket fire with extinguishing medium.

Special Fire Fighting Procedures:

Avoid inhalation. Keep out of low areas.

Unusual Fire and Explosion Hazards:

NA Use or wear self-contained breathing apparatus, and full protective gear.

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## Section V—Reactivity Data

Stability	Unstable		Conditions to Avoid:
	Stable	X	None known

Incompatibility (Materials to Avoid):

Oxidizing agents

Hazardous Decomposition or Byproducts:

None Known

Hazardous Polymerization	May Occur		Conditions to Avoid:
	Will Not Occur	X	None known

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## Section VI—Health Hazard Data

Route(s) of Entry	Inhalation :	Skin:	Ingest:
	X	NA	By accident or misuse.

Health Hazards (Acute and Chronic) NA

Carcinogenicity:	NTP:	IARC Monographs:	OSHA Regulated:
None	NA	NA	NA

Signs and Symptoms of Exposure:

Excessive exposure may cause irritation or dryness to eyes and skin. If ingested in large quantity, may result in vomiting or diarrhea.

Medical Conditions:

Generally Aggravated by Exposure.

Emergency and First Aid Procedures:

Rinse affected area with water for skin, Immediately flush eyes with clean water. Consult doctor if pain or irritation persists. If ingested, do not induce vomiting. Drink large amount of water and consult with a physician.

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**Section VII—Precautions for Safe Handling and Use**

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Steps to Be Taken in Case Material Is Released or Spilled:

Apply absorbent material and placed in covered containers for disposal Avoid contact with incompatible material and excessive heat and cold.

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Waste Disposal Method:

Dispose in accordance with state, local and federal regulations.

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Precautions to Be Taken in Handling and Storing:

Avoid excessive heat or cold.

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Other Precautions:

None

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**Section VII—Control Measures**

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Respiratory Protection (Specify Type): If ventilation is not sufficient, then use appropriate NIOSH/MSHA respiratory mask

Ventilation	Local Exhaust; X	Special
	Mechanical (General)	Other
Protective Gloves; X	Eye Protection: not required	

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Other Protective Clothing or Equipment:

None

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Work/Hygienic Practices:

Provide readily accessible eye wash station and safety showers. Normal precaution need to follow and keep.

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