



M A T E R I A L S A F E T Y D A T A S H E E T

PRODUCT NAME: ECONO-DE135
REVISION DATE: FEBRUARY 6, 2008

**For Chemical Emergency (Spill, Leak, Fire, Exposure or Accident)
CALL CHEMTREC Day or Night 800-424-9300
For International, Call 703-527-3887 (Collect Calls Accepted)**

**** FOR INDUSTRIAL USE ONLY ****

Section I - Product Information and Company Identification

Product: Econo-DE135 **General Description:** Non-emulsifier
Chemical Family: Blend **Primary Hazard:** Flammable Liquid

DOT: (less than 119 gallons): Not Regulated

DOT Bulk: (greater than 119 gallons): UN 1993, Flammable Liquid, N.O.S (Contains Aromatic Naptha), 3, III

Section II – Composition, Information on Ingredients

Material	Cas #	TLV	Percent
1) Heavy Aromatic Naptha	68603-08-7	100ppm	Confidential

Section III – Hazards Identification

Hazard Overview: **DANGER!** Flammable Liquid. May cause irritation to skin and eyes. Prolonged inhalation of vapor may be harmful. Use with adequate ventilation. Do not take internally. Avoid prolonged or repeated breathing of vapor. Avoid contact with skin, eyes or clothing.

Primary Route(s) of Exposure: Eye, Inhalation, Skin

Eye Contact: Irritating to the eyes with possible permanent damage depending on the length of exposure and on the first aid action given. Symptoms may include stinging, tearing, redness and swelling.

Skin Contact: Can cause mild to severe skin irritation depending on the length of exposure and on the first aid action given. Symptoms may include redness and burning. Can cause allergic contact dermatitis in susceptible individuals.

Ingestion: Ingestion of this product may cause central nervous system depression, abdominal distress, with nausea, vomiting and diarrhea probable depending on the first aid action given.



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Inhalation: Prolonged inhalation of mist or vapor in excess of the recommended exposure limits can be harmful, causing nausea, irritation, dizziness, light-headedness, vomiting, fatigue, headache or unconsciousness depending on the length of exposure and the first aid action given.

Symptoms of Exposure:

Acute: A review of available data does not identify any symptoms from exposure not previously mentioned.

Chronic: Prolonged skin contact can cause dry skin and defatting resulting in irritation and dermatitis.

Section IV – First Aid Measures

Eyes: Remove victim from exposure and into fresh air. Flush thoroughly with running water at least 15 minutes. Get medical attention.

Skin: Remove contaminated clothing and wash contact area with soap and water for 15 minutes. For a large splash flood body under a shower. Get medical attention. Launder clothes before reuse.

Inhalation: Remove person to fresh air. If breathing has stopped, administer oxygen. Treat symptoms. Keep victim warm and quiet. Get medical attention.

Ingestion: Do not induce vomiting. Give water. Call a physician at once. If possible, do not leave victim unattended.

CAUTION: If unconscious, having trouble breathing or in convulsions, do not induce vomiting or give water.

Note to Physicians: Based on individual reactions of the patient, the physician's judgment should be used to control symptoms and clinical condition.

Section V - Fire & Explosion Hazard Data

Flash Point: 104°F

Lower Explosive Limit: 2.0%

Upper Explosive Limit: 12.0%

Extinguishing Media: Water spray, Foam, CO₂, Dry Chemical

Special Fire Fighting Procedures: Wear a self contained breathing apparatus to avoid toxic fumes. Slippery when wet.

Fire & Explosion Hazards: Closed containers may rupture (due to buildup of pressure) when exposed to extreme heat. Cool drums exposed to flames with a water spray.

*Additional information will be provided in a medical emergency to qualified medical personnel.

Section VI – Accidental Release Measures

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Houston, TX 77245-0246
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Small Spills: Contain with absorbent material, such as clay, soil or any commercially available absorbent. Shovel reclaimed liquid and absorbent into recovery or salvage drums for disposal.

Large Spills: Dike and prevent further movement and reclaim into recovery or salvage drums or tank truck for disposal

For large indoor spills, evacuate employees and ventilate area. Eliminate all sources of spark or flame. Those responsible for control and recovery should wear the protective equipment specified in section VIII.

Prevent flow/discharge into lakes, ponds, streams, waterways, or public water supplies

Disposal: If this product becomes a waste, it meets the criteria of a hazardous waste as defined under the RCRA 40 CFR 261. Hazardous Waste D001.

As Hazardous Waste it must be solidified with stabilizing agents (such as sand, fly ash, or cement) so that no free liquid remains before disposal to a licensed industrial waste landfill (Hazardous Waste Treatment, Storage and Disposal facility). A hazardous liquid waste can also be incinerated in accordance with local, state federal regulations.

Section VII – Handling and Storage

DANGER! Flammable Liquid. May cause irritation to skin and eyes. Prolonged inhalation of vapor may be harmful. Do not use, store, spill or pour near heat, sparks or open flame. Keep container lid closed when not in use. Use with adequate ventilation. Do not take internally. Avoid prolonged or repeated breathing of vapor. Avoid contact with skin, eyes or clothing. Empty containers may contain residual product. Do not reuse container unless properly reconditioned.

Section VIII - Personal Protection Information

Air Exposure Recommendations

	Gas, Fumes, Mists	Special Thermal
Normal Use	Exceeds TLV	Spray Application
General Ventilation	General Ventilation	General Ventilation
1*	3*	3 *

*Respiratory protection codes:

1. None Needed
2. Particle-removing, air purifying respirator (Dusk Mask)
3. Gas and vapor-removing, air purifying respirator (Canister)
4. Full face mask, positive pressure-demand type (Air Supplied)

Eye Protection: Goggles, Face Shield

Skin Protection: Neoprene Gloves, Nitrile Gloves

Other Protective Equipment: Chemical Resistant Apron, Shoes

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Section IX - Physical Data

Flash Point:	104°F	Pour Point:	<-60°F
Initial Boiling Point:	180°F	pH range (neat):	Not Applicable
Color:	Clear Liquid	Odor:	Solvent
Vapor Density:	>1.0 (Air =1.0)	Specific Gravity:	0.944
Density:	7.87 lbs/gal	Viscosity:	~25cst @ 100°F
Vapor Pressure:	31.2 mmHg @ 100°F		
Evaporation Rate:	1.7 (Butyl Acetate = 1.0)		

Section X - Reactivity Data

Stability: Stable **Hazardous Polymerization:** Will not occur

Conditions to avoid: Keep away from heat, sparks, and flame

Incompatibility (Materials to Avoid): Strong oxidizers (eg. Chlorine, peroxides, chromates, nitric acid, perchlorates, concentrated oxygen, permanganates)

Hazardous Decomposition Products: Fumes produced when heated to decomposition may include: CO, CO₂, NO_x

NFPA RATINGS: HEALTH 2, FLAMMABILITY 2, REACTIVITY 0

HIMS RATINGS: FLAMMABILITY 2, REACTIVITY 0, HEALTH 2

Section XI – Toxicological Information

Toxicity Studies: No toxicity studies have been conducted on this product. However, this product contains heavy aromatic naphtha which may contain polynuclear aromatic hydrocarbons (PNA's). Studies have shown that the repeated painting of PNA's on the skin of experimental animals over a sustained period of time results in the induction of tumors. Individuals should avoid skin contact and should wash affected areas immediately if contact occurs.

Section XII – Ecological Information

If released into the environment, see CERCLA in Section XV.

Section XIII – Disposal Considerations

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Section XIV – Transport Information

DOT: (less than 119 gallons): Not Regulated

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Section XV – Regulatory Information

The following regulations apply to this product:

Federal Regulations:

OSHA's Hazard Communication Rule, 29 CFR 1910.1200: Heavy Aromatic Naptha-Irritant, Combustible

SARA/Superfund Amendments and Reauthorization Act of 1986 Title (III) – Sections 302, 311, 312 and 313: Section 311 and 312-MSDS Requirements (40 CFR 370) – Acute Health Hazard, Chronic Health Hazard, Fire Hazard, Sudden Release of Pressure Hazard, Reactive Hazard

Toxic Substance Control Act (TSCA) (40 CFR 710): The chemical ingredients in this product are on the 8(b) inventory list

Resource Conservation Recovery Act (RCRA), 40 CFR 261 Subpart C & D: Consult Section XIII for RCRA Classification

Section XVI – Miscellaneous

Disclaimer: **This information is furnished without warranty, expressed or implied, as to accuracy for completeness. This information is obtained from various sources including the manufacturer and other third party sources. The information may not be valid under all conditions nor if this material is used in combination with other materials or in any process. Final determination of suitability of any material is the sole responsibility of the user

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