

MATERIAL SAFETY DATA SHEET

SECTION 1 PRODUCT IDENTIFICATION

ITD, Inc.
ORENDA Brands
1827 Auger Drive
Tucker, Georgia 30084
Inquiry Phone: (770) 939-5544
Emergency Phone: (800) 535-5053
Revised 5/05/2010

PRODUCT NAME: ECONOMITE
PRODUCT CODE: 80025

NFPA hazard codes: NFPA acute hazard rating:
0 = Least 3 = High Health: 2
1 = Slight 4 = Extreme Flammability: 2
2 = Moderate Reactivity: 1

SECTION 2 CHEMICAL COMPOSITION

Note: List all CERCLA hazardous substances at 1% or greater and CARCINOGENS at 0.1% or greater.

INGREDIENT (chemical name)	CAS#	% range	OSHA/ PEL	ACGIH TL
Mineral Spirits	8030-30-6		100 ppm Air	100 ppm
Mineral Oil	8042-47-5		5 mg/M ³	5 mg/M ³
Aromatic Solvent	64742-95-6		10 mg/M ³	10 mg/M ³
n-Butyl Acetate	123-86-4		150 ppm	150 ppm
2-Butoxyethanol	111-76-2		50 ppm Skin	5 ppm Skin
Isopropyl Alcohol	67-83-0		400 ppm	400 ppm

SECTION 3 EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT: Immediately flush with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Get immediate medical attention. SKIN CONTACT: Immediately flush exposed area with soap and water for at least 15 minutes, while removing contaminated clothing. If irritation occurs, get medical attention. Wash clothes before reuse. INHALATION: Remove individual to fresh air. If not breathing, give artificial respiration. If symptoms persist, get immediate medical attention. INGESTION: Do not induce vomiting. Get immediate medical attention.

SECTION 4 PHYSIOLOGICAL EFFECTS

PRIMARY ROUTE(S) OF ENTRY INTO BODY: Eyes, skin contact, Ingestion.

ACUTE EFFECTS: May cause damage to: Kidneys, lungs, blood cells, the central nervous system, liver, mucous membranes, upper respiratory tract, skin, eye lens or cornea. EYE: May cause moderate irritation. SKIN: May cause moderate irritation, redness or drying of skin. INGESTION: May cause irritation of digestive tract, nausea, vomiting and possible lung damage if vomit is aspirated into lungs. INHALATION: High vapor concentration may cause irritation, headache and dizziness. CHRONIC EFFECTS: Long term exposure may affect the central nervous system.

SECTION 5 OCCUPATION CONTROL PROCEDURES

VENTILATION: Local exhaust.

PERSONAL PROTECTION:

Respirator type: Always use a NIOSH approved respirator, if exposure controls are exceeded.

Gloves: Chemical resistant gloves recommended.

Eye Protection: Chemical splash goggles or face shield.

SECTION 6 PHYSICAL DATA

Appearance/odor: Light yellow / Aromatic fragrance

Physical state: Liquid

Boiling Point: 138-144° F

Specific Gravity: 0.87

pH concentrate: 4 - 5

1% pH dilution: 7.0

Solubility in water: Insoluble

Vapor pressure (mm Hg): 10 @ 25°C

Vapor density (air=1): 4.66

Evaporation rate (Butyl Acetate = 1): 0.68

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SECTION 7 FIRE & EXPLOSION DATA

Flash point: 165°F

Method: T.C.C.

Flammable (explosive) limits in air: LEL 1.1% UEL 7.0%

Suitable extinguishing media: Small fires, use dry chemical, carbon dioxide or alcohol foam. Large fires, use water spray, fog or alcohol foam. Use water spray to cool fire exposed containers. DO NOT use straight streams of water.

Hazardous combustion by-products:

Recommended fire fighting procedures: Containers can build up pressure if exposed to heat and/or fire. Wear self-contained breathing apparatus and full protective gear. Gases may be generated. Use water spray to keep fire exposed containers cool.

Unusual fire & explosive hazards: Danger of floating fire hazard. Empty and partially empty containers may contain explosive fumes.

SECTION 8 REACTIVITY DATA

Stability: Stable.

Conditions to avoid: High temperatures, ignition sources

Hazardous decomposition products: Carbon monoxide, carbon dioxide, hydrogen chloride, phosgene, irritating and toxic fumes and gases.

Hazardous polymerization: Will not occur.

Incompatibility:

Material to avoid: Strong oxidants, strong acids, strong bases, strong reducing agents.

SECTION 9 STORAGE & HANDLING PRECAUTIONS

Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances and ignition sources.

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin and clothing. Empty containers contain product residue and can be dangerous. Avoid ingestion and inhalation. Use only with adequate ventilation.

Precautionary labeling: None

SECTION 10 ENVIRONMENTAL INFORMATION

Spill or leak procedures:

Small spill/leak: If spilled, soak up with absorbent materials.

Large spill/leak: contain to prevent draining into sewer.

Spill reportable quantity: N/A.

Waste disposal method: Salvage if possible, otherwise, Consign to waste facility approved by federal, state, and local regulations.

RCRA or appropriate waste classification: N/A.

Procedures for handling empty containers: Triple rinse.

SECTION 11 PRODUCT IDENTIFICATION

Indicate country/regulatory agency which specifies requirements: USA-DOT / IMO (not regulated)

Proper shipping name: COMPOUND, CLEANING, LIQUID

Hazard class: N/A

Identification number: N/A

Packing Group: N/A

Labels required: Product

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REVISED: 05/05/2010