

# 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: STAND BY**  
**PRODUCT CODE: 80028**

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 TLV
Petroleum Distillates	~ mixture		500 ppm	100 ppm
Aromatic Solvent	64742-95-6		10mg. / m <sup>3</sup> c	10mg. / m <sup>3</sup> c
nButyl Acetate	123-86-4		150 ppm	150 ppm
2-Butoxyethanol	111-76-2		50 ppm Skin	25 ppm
Isopropyl Alcohol	67-63-0		400 ppm	400 ppm
Linear Alcohol Ethoxolate	68439-46-3		None Est.	None Est.

## 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 water for at least 15 minutes, while removing contaminated clothing. Get immediate medical attention. **INHALATION:** Remove individual to fresh air. If breathing has stopped, administer artificial respiration. If breathing is difficult, give oxygen. If symptoms persist, get immediate medical attention. **INGESTION:** Do not induce vomiting. Dilute by drinking 1 - 2 glasses of water. Get immediate medical attention.

## SECTION 4 PHYSIOLOGICAL EFFECTS

**PRIMARY ROUTE(S) OF ENTRY INTO BODY:** Eyes, skin contact, Ingestion, aspiration of vomitus into lungs.

**ACUTE EFFECTS:** Repeated and prolonged exposure to concentrated vapors may result in respiratory irritation, dizziness, drunken behavior or unconsciousness.

**CHRONIC EFFECTS:** Possible lung, liver or blood cell damage.

## SECTION 5 OCCUPATION CONTROL PROCEDURES

**VENTILATION:** Local Exhaust - Explosion Proof.

**PERSONAL PROTECTION:**

Respirator type: Use NIOSH approved CCROV or better respirator, where limits are exceeded (see Section 2).

Gloves: Chemical resistant gloves recommended.

Eye Protection: Chemical splash goggles.

## SECTION 6 PHYSICAL DATA

Appearance/odor: Light golden brown / Aromatic fragrance

Physical state: Liquid

Boiling Point: 138-144° F

Specific Gravity: .86

pH concentrate: 4.5 - 5.0

1% pH dilution: 7.6 - 7.0

Solubility in water: Dispersable

Vapor pressure: 10

Vapor density (air=1): 4.66

Evaporation rate (ether = 1): 0.68

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## SECTION 7 FIRE & EXPLOSION DATA

Flash point: 105°F, combustible liquid

Method: T.C.C.

Flammable (explosive) limits in air: LOWER: 1.1% UPPER: 7.0%

Suitable extinguishing media: Water fog, alcohol foam, carbon dioxide, dry chemical

Hazardous combustion bi-products: Carbon Monoxide

Recommended fire fighting procedures: Firefighters should wear waterproof, protective clothing and positive ventilation, respiratory clothing to prevent exposure to toxic fumes and mists.

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

Hazardous decomposition products: Heat, CO<sub>2</sub>, CO, HC<sub>1</sub> and Phosgen

Hazardous polymerization: Will not occur.

Incompatibility:

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

Corrosive action on material: Not corrosive.

## SECTION 9 STORAGE & HANDLING PRECAUTIONS

Storage: Store and use upright in cool, dry, well-ventilated area away from ignition sources. Store away from acids, oxidizers, and alkalis. Keep container closed.

Handling: Wear chemical resistant gloves and chemical splash goggles when handling.

Precautionary labeling: None

## SECTION 10 ENVIRONMENTAL INFORMATION

Spill or leak procedures:

Spill/Leak: Extinguish all sources of flame or spark. Ventilate area. Absorb in sand, earth or other inert absorbent and collect into sealable, pertinent containers for disposal. Store upright in cool, well-ventilated area. Do NOT flush into sewer or discharge to natural waterways.

Spill reportable quantity: N/A.

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

RCRA or appropriate waste classification: Ignitable

Procedures for handling empty containers: Triple rinse.

Environmental toxicity data: Detergents are biodegradable

Other regulatory controls: None Known

## SECTION 11 PRODUCT IDENTIFICATION

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

Proper shipping name: COMPOUND, CLEANING, LIQUID

DOT Hazard class: N/A (If in containers less than 116 gallons)

Identification number: N/A

Packing Group: N/A

Labels required: Product

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**REVISED: 5/05/2010**