

Material Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910, 1200, Standard must be
 consulted for specific requirements.

U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072

IDENTITY (As Used on Label and List) FORTA® GoldenAir®

NOTE: Blank specs are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name FORTA Corporation	Emergency Telephone Number 800-245-0306 or 724-458-5221
Address (Number, Street, City, State, and ZIP Code) 100 Forta Drive	Telephone Number for Information 800-245-0306
Grove City, PA 16127-6399	Date Prepared September 1, 2009
	Signature of Preparer (Optional) Jeffrey B. Lovett

Section II – Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (Optional)
2-Butoxyethanol CAS No. 111-76-2	mg/m3 120K	mg/m3 121K	N/A	10%

HMIS Rating: Health: 2 Flammability: 1 Reactivity: 0 Personal Protection: B

Section III – Physical/Chemical Characteristics

Boiling Point	>100 C	Specific Gravity (H ₂ O = 1)	1.03
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	Slower than ether
Solubility in Water	100%		
Appearance and Odor	Golden liquid; with the odor of mild detergent		

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) >200° F Setaflash Closed Cup	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media	Alcohol foam, carbon dioxide, dry chemical, water fog.		
Special Fire Fighting Procedures	Self-contained breathing apparatus (SCBA) and full protective equipment recommended		
Unusual Fire and Explosion Hazards	None		

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	N/A

Incompatibility (*Materials to Avoid*) *Strong acids and oxidizers*

Hazardous Decomposition or Byproducts Carbon monoxide, carbon dioxide, and oxides of nitrogen

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	N/A

Section VI – Health Hazard Data

Route(s) of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes

Health Hazards (*Acute and Chronic*)

Acute: Mild skin and eye irritation

Chronic: None known

Carcinogenicity: NTP? N/A IARC Monographs? N/A OSHA Regulated? N/A

Signs and Symptoms of Exposure Headache, dizziness, nausea, vomiting, weakness and irritation

Medical Conditions

Generally Aggravated by Exposure Preexisting eye, skin and respiratory disorders

Emergency and First Aid Procedures Inhalation: Move to fresh air

Eye & Skin contact: Flush with clean water for 15 minutes. Call a physician

Ingestion: If victim is conscious drink two glasses of water and induce vomiting

Section VII – Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Contain and remove by using absorbents

Waste Disposal Method Place in appropriate disposal facility in compliance with local regulations.

Precautions to Be Taken in Handling and Storing N/A

Other Precautions N/A

Section VIII – Control Measures

Respiratory Protection (*Specify Type*) In high vapor concentration, used approved respirator

Ventilation	Local Exhaust Provide local exhaust ventilation	Special Utilize proper disposal containers
	Mechanical (<i>General</i>) Provide general diluting	Other N/A

Protective Gloves Butyl Rubber gloves

Eye Protection Chemically resistant goggles, provide safety eye wash solution.

Other Protective Clothing or Equipment

Work/Hygienic Practices Do Not Ingest – Avoid Skin, Eye and Clothing Contact

The information and recommendations contained in this Material Safety Data sheet have been compiled from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the MSDS was prepared. No warranty, guaranty or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal or state laws.