

# Material Safety 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) E.C. <b>102</b> <b>"Tank cleaner"</b>	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available; the space must be marked to indicate that.
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## SECTION I

Manufacturer's Name <b>E.A.R.T.H. Company Limited</b>	Emergency Telephone Number <b>(868) 683-4331 or (868) 685-0454</b>
Address (Number, Street, City, State, and ZIP Code) <b>Road 39, Guapo Road, Fyzabad</b>	Telephone Number for Information <b>(868) 653-7571/6 or (868) 677-7571/6</b>
<b>Trinidad &amp; Tobago, West Indies</b>	Date prepared <b>April 1, 2001</b>
	Signature of Preparer (optional)

## SECTION II- Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(optional)
<b>NONE -E.C. 102, is a 100% water soluble, non-toxic, non-hazardous and non-flammable mixture</b>				
<b>Of organic compounds and enzymes that forms a very effective phase separating agent. (Oil, Water &amp; Solids)</b>				
<b>E.C. 102 has the approval of the EPA, FDA, OSHA, U.S. Department of Transportation, The states</b>				
<b>of California, Arizona and New Jersey As being Non-toxic, Non-Hazardous and 100% Biodegradable.</b>				

## SECTION III - Physical/Chemical characteristics

Boiling Point <b>H2O</b>	<b>100°C</b>	Specific Gravity (H2O=1) <b>(VARIES)</b>	<b>1.127</b>
Vapor pressure (mm Hg)	<b>N/A</b>	Melting Point	<b>N/A</b>
Vapor Density (AIR =1)	<b>N/A</b>	Evaporation Rate (Butyl Acetate=1)	<b>N/A</b>
Solubility in water <b>INFINITE</b>			
Appearance and Odor <b>BLUE LIQUID WITH CITRUS ODOR</b>			

## SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	<b>N/A</b>	Flammable Limits: <b>Non Flammable</b>	LEL	UEL
Extinguishing Media	<b>N/A</b>			
Special Fire Fighting Procedures	<b>N/A</b>			
Unusual Fire and Explosion Hazards	<b>None Known</b>			

#### SECTION V – Reactivity Data

Stability	Unstable	<b>N/A</b>	Conditions to avoid: <b>N/A</b>
	Stable	<b>X</b>	<b>Most formulas will evaporate completely.</b>
Incompatibility (Materials to Avoid): <b>None Known</b>			
Hazardous Decomposition or Byproducts: <b>None Known (100% Biodegradable) (100% Organic)</b>			
Hazardous Polymerization	May Occur	<b>N/A</b>	Conditions to avoid:
	Will Not Occur	<b>X</b>	<b>No petroleum products exist in product.</b>

(Reproduced Locally)

NON-HAZARDOUS OSHA 174, Sept 1985

SECTION VI – Health Hazard Data

Route(s) of Entry:	Inhalation ? No	Skin ? No	Ingestion ? Yes (May cause diarrhea)
Health Hazards (Acute and Chronic)	<b>May cause short term diarrhea if ingested.</b>		
Carcinogenicity :	NTP ? <b>No</b>	IARC Monographs ? <b>No</b>	OSHA Regulated ? <b>No</b>
Signs and Symptoms of Exposure:	<b>May cause reddening of skin with long term exposure.</b>		
Medical Conditions Generally Aggravated by Exposure:	<b>None Known</b>		
Emergency and First Aid Procedures:	<b>If ingestion occurs, Drink large quantities of water. Contact physician.</b>		

Steps to Be Taken in Case Material is Released or Spilled:	<b>Use absorbent material to reclaim as much as possible, Rinse affected area with quantities of fresh water until diluted. Spills on ground may be safely ignored.</b>
Waste Disposal Method:	<b>Dilute with large quantities of water, release into municipal sewer or environment.</b>
Precautions to Be Taken in Handling and Storing:	<b>Special Handling is not required. Storage: although it is best stored between 50 degrees F and 100 degrees F, if freezing occurs, de-thaw if separation has occurred remix if needed, product will remain unaffected.</b>
Other Precautions:	<b>Should be kept out of reach of children. Always keep in well-marked containers so to avoid accidental ingestion.</b>

SECTION VIII-Control Measures

Respiratory Protection (Specify Type)	<b>If used in confined spaces, proper ventilation should be used.</b>		
Ventilation	Local Exhaust	<b>As Needed</b>	Special
	Mechanical (General)	<b>N/A</b>	Other
Protective Gloves:	<b>Optional (not required)</b>		Eye Protection: <b>Optional (not Required)</b>
Other Protective Clothing or Equipment	<b>None Required</b>		
Work / Hygienic Practices:	<b>Avoid excessive or unnecessary exposure.</b>		