

**ETOWAH CHEMICAL**  
**SALES & SERVICE**  
 P.O. BOX 4416  
 GADSDEN, AL 35904-0416  
 (800) 848-8541



**N. F. P. A.**  
 4 = Extreme  
 3 = High  
 2 = Moderate  
 1 = Slight  
 0 = Insignificant

<b>HEALTH</b>	<b>0</b>
<b>FIRE</b>	<b>0</b>
<b>REACTIVITY</b>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<b>B</b>

## Material Safety Data Sheet

24 Hour Emergency Telephone Number: (800) 535-5053

### SECTION I - IDENTIFICATION

<b>Product Name</b>	<b>I.C. CLEANER</b>	<b>Date last Revised</b>	<b>AUG 2009</b>
<b>Chemical Family</b>	MILD ALKALINE DETERGENT	<b>Item Number</b>	<b>ETC-1174</b>
<b>Proper D.O.T. Shipping Name</b>	COMPOUND, CLEANING LIQUID		
<b>D.O.T. Hazard Classification</b>	NOT REGULATED		

### SECTION II - INGREDIENTS/IDENTITY INFORMATION

<b>% By</b>	<b>Material</b>	<b>PEL</b>	<b>T. L. V.</b>	<b>C. A. S. No.</b>
< 1	2-BUTOXYETHANOL SARA TITLE III SECTION 313 REQUIRES ANNUAL REPORTS OF RELEASE OF 2-BUTOXYETHANOL IF OTHERWISE USE EXCEEDS 10,000 POUNDS PER YEAR EQUIVALENT TO 213,000 GALLONS OF PRODUCT.	25ppm TWA	25ppm TWA	111-76-2
	Balance non-hazardous ingredients			

### SECTION III - PHYSICAL DATA

<b>Boiling Point</b>	210 DEG. F	<b>pH (Conc.)</b>	9.0-9.5
<b>Solubility In Water</b>	COMPLETE	<b>pH (Use Dilution)</b>	9.0
<b>% Volatility By Weight</b>	> 90	<b>Evaporation Rate</b>	H2O=1 >1
<b>Specific Gravity</b>	1.045	<b>Physical Form</b>	LIQUID
<b>Appearance And Odor</b>	CLEAR, BROWN, ETHER ODOR		

### SECTION IV - FIRE AND EXPLOSION DATA INGREDIENTS/IDENTITY INFORMATION

<b>Flash Point</b>	NONE
<b>Extinguishing Media</b>	N/A
<b>Flammable Limits</b>	N/A
<b>Special Fire Fighting Procedures</b>	N/A
<b>Unusual Fire and Explosion Hazards</b>	N/A

### SECTION V - REACTIVITY DATA

<b>Stability</b>	STABLE
<b>Conditions to Avoid</b>	ACIDS
<b>Incompatibility</b>	STRONG ACIDS
<b>Hazardous Decomposition Products</b>	N/A
<b>Hazardous Polymerization</b>	WILL NOT OCCUR

<b>SECTION VI - HEALTH HAZARD</b>			
<b>Routes(s) of Entry</b>	<b>Inhalation?</b> NO	<b>Skin?</b> NO	<b>Ingestion?</b> NO
<b>Health Hazards (Acute and Chronic)</b>	EYE CONTACT CAN CAUSE IRRITATION AND REDNESS .		
<b>Carcinogenicity</b>	<b>NTP?</b> N/A	<b>IARC Monographs?</b> N/A	<b>OSHA Regulated?</b> N/A
<b>Emergency Aid and First Aid Procedures</b>	FOR EYES: FLUSH WITH WATER FOR 15 MINUTES, IF IRRITATION PERSISTS SEE PHYSICIAN. FOR SKIN WASH WITH SOAP AND WATER. CONTACT PHYSICIAN. FOR INGESTION: GIVE WATER DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.		
<b>SECTION VII - SPILL OR LEAK PROCEDURES</b>			
<b>Spill Response</b>	USE RUBBER BOOTS & CHEMICAL GOGGLES DURING CLEAN UP. PROVIDE ADEQUATE VENTILATION. FOR SMALL SPILLS. DILUTE WITH WATER AND ADJUST pH WITH ACID TO pH BELOW 9. 0 THEN FLUSH TO SANITARY SEWER.		
<b>Waste Disposal Method</b>	FOLLOW LOCAL STATE & FEDERAL LAWS. PREVENT RUN OFF TO STREAMS OR OTHER BODIES OF WATER.		
<b>SECTION VIII - SPECIAL PROTECTION INFORMATION</b>			
<b>Eye Protection</b>	SAFETY GLASSES		
<b>Skin Protection</b>	WEAR NEOPRENE GLOVES.		
<b>Ventilation</b>	PROVIDE MECHANICAL AND OR LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW TLV OF COMPONENTS.		
<b>Respiratory Protection</b>	NONE REQUIRED UNLESS OTHER PROTECTIVE MEASURES DO NOT CONTROL EXPOSURES BELOW TLV.		
<b>Other Protection</b>	FOOT WEAR THAT KEEPS FEET DRY IS SUGGESTED. FOLLOW GOOD PERSONAL HYGIENE PRACTICES.		
<b>SECTION IX - SPECIAL PRECAUTIONS</b>			
<b>Precautions in Handling and Storage</b>	KEEP OUT OF REACH OF CHILDREN. KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE AT ROOM TEMPERATURE.		
<b>Other Precautions</b>	THIS PRODUCT IS NOT REGULATED UNDER CERCLA. NOT REPORTABLE UNDER SARA TITLE III SECTION 311/312.		
<b>PREPARED BY: David Brunton, Chemist</b>			
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