

**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>3</b>
<b>FIRE</b>	<b>1</b>
<b>REACTIVITY</b>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<b>G</b>

## Material Safety Data Sheet

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

### SECTION I - IDENTIFICATION

<b>Product Name</b>	<b>CGR-40 (CARB CLEANER)</b>	<b>Date Prepared</b>	<b>JANUARY 2009</b>
<b>Chemical Family</b>	SOLVENT CLEANER	<b>Item Number</b>	
<b>Proper D.O.T. Shipping Name</b>	CORROSIVE LIKUD, n.o.s.		
<b>D.O.T. Hazard Classification</b>	8, UN1760, PG II (contains Creyslic Acid)		

### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

% By Weight	Material	PEL	T. L. V.	C. A. S. No.
<70	DICHLOROMETHANE *	500 ppm	100 ppm	75-09-2
<10	CRESOLS *	5 ppm	5 ppm	1319-77-3
<10	XYLENE *	100 ppm	100 ppm	1330-20-7
* These chemical are subject to reporting of SARA Title III Section 311, 312, 313				
Balance non-hazardous ingredients				

### SECTION III - PHYSICAL DATA

<b>Boiling Point</b>	105-200 F	<b>pH (Conc.)</b>	9.0-11.0
<b>Solubility In Water</b>	EMULSIFIES	<b>pH (Use Dilution)</b>	Not applicable
<b>% Volatility By Weight</b>	95	<b>Evaporation Rate</b>	Eth Ether=1: 0.28
<b>Specific Gravity</b>	1.185	<b>Physical Form</b>	LIQUID
<b>Appearance And Odor</b>	CLEAR, DARK BROWN LIQUID; Vapor Pressure: 340 MM HG @ 20 C		

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

<b>Flash Point</b>	NONE WHEN TESTED IN ACCORDANCE WITH DOT REGULATIONS.
<b>Extinguishing Media</b>	WATER, DRY CHEMICAL, CARBON DIOXIDE
<b>Flammable Limits</b>	NA
<b>Special Fire Fighting Procedures</b>	WEAR SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE FOR POSSIBLE EXPOSURE TO HYDROGEN CHLORIDE AND POSSIBLE TRACES OF PHOSGENE.
<b>Unusual Fire and Explosion Hazards</b>	VAPORS CONCENTRATED IN CONFINED OR POORLY VENTILATED AREA CAN BE IGNITED UPON CONTACT WITH A HIGH ENERGY SPARK, FLAME OR HIGH INTENSITY SOURCE OF HEAT.

### SECTION V - REACTIVITY DATA

<b>Stability</b>	PRODUCT IS STABLE
<b>Conditions to Avoid</b>	AVOID OPEN FLAMES, HOT GLOWING SURFACES
<b>Incompatibility</b>	CAUSTIC SODA AND OXIDIZING AGENTS
<b>Hazardous Decomposition Products</b>	HYDROGEN CHLORIDE AND TRACES OF PHOSGENE
<b>Hazardous Polymerization</b>	WILL NOT OCCUR

<b>SECTION VI - HEALTH HAZARD</b>	
<b>Routes(s) of Entry</b>	<b>Inhalation? YES   Skin? YES   Ingestion? NO</b>
<b>Health Hazards (Acute and Chronic)</b>	<p>INHALATION: EXCESSIVE BREATHING CAN CAUSE RESPIRATORY IRRITATION, WEAKNESS, FATIGUE AND HEADACHES.</p> <p>EYES: EXPOSURE TO LIQUID OR VAPORS MAY CAUSE SEVERE EYE IRRITATION, BURNING OR TEARING.</p> <p>SKIN: EXTENSIVE SKIN CONTACT WITH PRODUCT, SUCH AS IMMERSION CAUSES BURNS, WHITENING, WEAKNESS CONFUSION, RAPID IRREGULAR PULSE AND COLLAPSE.</p> <p>CHRONIC: PROLONGED EXPOSURE ABOVE THE OSHA PERMISSIBLE LIMITS MAY RESULT IN LIVER AND KIDNEY DAMAGE. WHILE THERE ARE STUDIES IN WHICH TUMORS WERE INDUCED IN MICE, METHYLENE CHLORIDE IS NOT BELIEVED TO POSE A CARCINOGENIC RISK TO HUMANS WHEN HANDLED AS RECOMMENDED.</p> <p>INGESTION: SWALLOWING OF THIS MATERIAL MAY RESULT IN IRRITATION OF MOUTH AND GI TRACT ALONG WITH OTHER EFFECTS AS LISTED ABOVE FOR INHALATION. VOMITING AND SUBSEQUENT ASPIRATION INTO THE LUNGS MAY LEAD TO CHEMICAL PNEUMONIA AND PULMONARY EDEMA WHICH IS A POTENTIALLY FATAL CONDITION.</p>
<b>Carcinogenicity</b>	<b>NTP? NO   IARC Monographs? YES   OSHA Regulated? NO</b>
<b>Emergency Aid and First Aid Procedures</b>	<p>EYES: FLUSH WITH WATER FOR A MINIMUM OF 15 MINUTES OCCASIONALLY LIFTING THE LOWER AND UPPER LIDS.</p> <p>SKIN: REMOVE SOAKED CLOTHING IMMEDIATELY AND WASH SKIN WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.</p> <p>INHALATION: MOVE EXPOSED PERSON TO FRESH AIR. IF BREATHING HAS STOPPED, PERFORM ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION PROMPTLY.</p> <p>INGESTION: DRINK LARGE QUANTITIES OF WATER. GET MEDICAL ATTENTION PROMPTLY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.</p>
<b>SECTION VII - SPILL OR LEAK PROCEDURES</b>	
<b>Spill Response</b>	IMMEDIATELY EVACUATE THE AREA AND PROVIDE MAXIMUM VENTILATION. UNPROTECTED PERSONAL SHOULD MOVE UPWIND OF SPILL. DIKE AREA TO CONTAIN SPILL. DO NOT FLUSH TO SEWER. ABSORB ON SAWDUST OR VERMICULITE AND SWEEP INTO CLOSED CONTAINERS FOR DISPOSAL IF AREA OF SPILL IS POROUS, REMOVE AS MUCH OF CONTAMINATED EARTH AS POSSIBLE AND PLACE IN CLOSED CONTAINERS.
<b>Waste Disposal Method</b>	CONTAMINATED SAWDUST, VERMICULITE OR EARTH MUST BE DISPOSED OF IN PERMITTED HAZARDOUS WASTE MANAGEMENT FACILITY. RECOVERED LIQUIDS MAY BE REPROCESSED OR INCINERATED OR MUST BE TREATED IN A PERMITTED HAZARDOUS WASTE FACILITY. DISPOSE IN ACCORDANCE WITH CLEAN AIR ACT, THE CLEAN WATER ACT, RCRA AS WELL AS ANY OTHER FEDERAL, STATE OR LOCAL LAWS AND REGULATIONS.
<b>SECTION VIII - SPECIAL PROTECTION INFORMATION</b>	
<b>Eye Protection</b>	CHEMICAL SPLASH GOGGLES OR FACE SHIELD
<b>Skin Protection</b>	GLOVES: VITON, SILVER SHIELD, NITRILE OR OTHER RESISTANT MATERIAL
<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 TLVS.
<b>Other Protection</b>	NEOPRENE APRONS AND BOOTS
<b>SECTION IX - SPECIAL PRECAUTIONS</b>	
<b>Precautions in Handling and Storage</b>	DO NOT BREATHE VAPORS. HIGH VAPOR CONCENTRATION CAN CAUSE DIZZINESS, UNCONSCIOUSNESS OR DEATH. USE ONLY WITH ADEQUATE VENTILATION. KEEP CONTAINER CLOSED WHEN NOT IN USE.
<b>Other Precautions</b>	DICHLOROMETHANE IS ON THE TSCA INVENTORY UNDER CAS# 79-01-6. SARA TITLE III SECTION 311/312 CATEGORIES-ACUTE AND CHRONIC. CERCLA-LISTED IN TABLE 302.4 OF 40CFR PART 302 AS A HAZARDOUS SUBSTANCE WITH A REPORTABLE QUANTITY OF 100 POUNDS. RELEASES TO AIR, LAND OR WATER WHICH EXCEED THE RQ MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER.
<b>PREPARED BY:</b>	<b>David Brunton, Chemist</b>
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