

**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>2</b>
<b>FIRE</b>	<b>2</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>ECONOMY SAFETY SOLVENT</b>	<b>Date last Revised</b>	<b>AUG 2009</b>
<b>Chemical Family</b>	SOLVENT CLEANER	<b>Item Number</b>	
<b>Proper D.O.T. Shipping Name</b>	TRICHLOROMETHANE, PETROLEUM NAPHTHA MIXTURE		
<b>D.O.T. Hazard Classification</b>	6.1, UN1710, PACKING GROUP III, KEEP AWAY FROM FOOD		

### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

% By Weight	Material	PEL	T. L. V.	C. A. S. No.
<70	TRICHLOROMETHANE	50 ppm 8 hour TWA	200 ppm 15 minute STEL	79-01-6
<40	ALIPHATIC PETROLEUM NAPHTHA	300 ppm	300 ppm	64742-89-8
Balance non-hazardous ingredients				

### SECTION III - PHYSICAL DATA

<b>Boiling Point</b>	245-270F	<b>pH (Conc.)</b>	Not applicable
<b>Solubility In Water</b>	IMMISCIBLE	<b>pH (Use Dilution)</b>	Not applicable
<b>% Volatility By Weight</b>	> 95	<b>Evaporation Rate</b>	H2O= 1 >1
<b>Specific Gravity</b>	1.100	<b>Physical Form</b>	LIQUID
<b>Appearance And Odor</b>	CLEAR, COLORLESS; SOLVENT ODOR		

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

<b>Flash Point</b>	NONE WHEN TESTED IN ACCORDANCE WITH DOT REGULATIONS.
<b>Extinguishing Media</b>	DRY CHEMICAL, CARBON DIOXIDE
<b>Flammable Limits</b>	0.9% FOR PETROLEUM NAPHTHA
<b>Special Fire Fighting Procedures</b>	WEAR SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WHEN FIGHTING FIRES.
<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</b>   <b>Skin? YES</b>   <b>Ingestion? NO</b>
<b>Health Hazards (Acute and Chronic)</b>	EYES: EXPOSURE TO LIQUID OR VAPORS MAY CAUSE SEVERE EYE IRRITATION, BURNING OR TEARING. SKIN: MAY CAUSE MILD SKIN IRRITATION AND DRY SKIN. INHALATION: EXCESSIVE BREATHING CAN CAUSE RESPIRATORY IRRITATION, WEAKNESS, FATIGUE AND HEADACHES. 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, THERE IS NO EVIDENCE THAT TRICHLOROMETHANE POSES A CARCINOGENIC RISK TO HUMANS.
<b>Carcinogenicity</b>	<b>NTP? NO</b>   <b>IARC Monographs? NO</b>   <b>OSHA Regulated? NO</b>
<b>Emergency Aid and First Aid Procedures</b>	EYES: FLUSH WITH WATER FOR A MINIMUM OF 15 MINUTES OCCASIONALLY LIFTING THE LOWER AND UPPER LIDS. SKIN: REMOVE SOAKED CLOTHING IMMEDIATELY AND WASH SKIN WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: MOVE EXPOSED PERSON TO FRESH AIR. IF BREATHING HAS STOPPED, PERFORM ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION PROMPTLY. INGESTION: GET MEDICAL ATTENTION PROMPTLY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
<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 ARE OF SPILL IS POROUS, REMOVE AS MUCH OF CONTAMINATED EARTH AS POSSIBLE.
<b>Waste Disposal Method</b>	CONTAMINATED SAWDUST, VERMICULITED 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 STATE OR LOCAL LAWS AND REGULATIONS.
<b>SECTION VIII - SPECIAL PROTECTION INFORMATION</b>	
<b>Eye Protection</b>	SAFETY GLASSES OR CHEMICAL SPLASH GOGGLES
<b>Skin Protection</b>	GLOVES: NEOPRENE , 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 TLV.
<b>Other Protection</b>	NEOPRENE APRONS AND BOOTS
<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>	CONTAINERS OF THIS PRODUCT MAY BE HAZARDOUS WHEN EMPTIED BECAUSE OF RESIDUE(VAPOR OR LIQUID).
<b>PREPARED BY: David Brunton, Chemist</b>	
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