MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ECONO-CIAS-303
REVISION DATE: SEPTEMBER 22, 2008

For Chemical Emergency (Spill, Leak, Fire, Exposure or Accident)
CALL CHEMTREC Day or Night 800-424-9300
For International, Call 703-527-3887 (Collect Calls Accepted)

** FOR INDUSTRIAL USE ONLY **

Section I - Product Information and Company Identification

Chemical Name: Mixture
Product Use: Corrosion Inhibitor
DOT Hazard Class: UN1993, Flammable Liquid, n.o.s. (Contains: Methanol, Propargyl Alcohol), 3, II

Section II – Composition, Information on Ingredients

<table>
<thead>
<tr>
<th>Material</th>
<th>Cas #</th>
<th>Percent</th>
<th>TLV-TWA</th>
<th>OSHA PEL-TWA</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Methyl Alcohol</td>
<td>67-56-1</td>
<td>40-80</td>
<td>ACGIH 200PPM</td>
<td>200PPM</td>
</tr>
<tr>
<td>2) Propargyl Alcohol</td>
<td>107-19-1</td>
<td>40-80</td>
<td>ACGIH 1PPM</td>
<td>Not Estab.</td>
</tr>
</tbody>
</table>

Section III – Health Hazard Information

Highly flammable. Harmful in contact with skin. Toxic by inhalation and if swallowed. Irritating to eyes and skin.

Section IV – First Aid Measures

INHALATION: Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention. If respiratory problems, artificial respiration/oxygen.

INGESTION: DO NOT induce vomiting. Get medical attention immediately. Drink plenty of water. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!

SKIN: Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

EYES: Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

Section V - Fire & Explosion Hazard Data

EXTINGUISHING MEDIA: Fire can be extinguished using: Water spray, fog or mist. Alcohol resistant foam. Dry chemicals, sand, dolomite etc.

SPECIAL FIRE FIGHTING PROCEDURES: Use supplied air respirator if substance is involved in a fire. Cool containers exposed to flames with water until well after the fire is out.

NFPA Ratings: Health 2, Flammability 3, Reactivity 0

HMIS Rating: Flammability 3, Reactivity 0, Health 2

Section VI – Accidental Release Measures

PERSONAL PRECAUTION IN SPILL: Wear suitable protective clothing, gloves and safety goggles.
PRECAUTIONS TO PROTECT ENVIRONMENT: Dyke to prevent entering any sewer or waterway.

SPILL CLEANUP METHODS: Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers.

Section VII - Handling and Storage

USAGE PRECAUTIONS: Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapors. Use approved respirator if air contamination is above accepted level. Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS: The drums should be stored, with their seals intact, in conditions that avoid extremes of temperatures. Bulk deliveries should be stored in carbon steel tanks. Under these conditions the shelf life of the product should be approximately two years.

STORAGE CRITERIA: Flammable liquid storage. Toxic storage.

Section VIII – Exposure Controls/Personal Protection Information

INGREDIENT NAME: 67-56-1 OES. 200 ppm(Sk) 250 ppm(Sk) METHANOL 107-19-7 OES. 1 ppm(Sk) 3 ppm(Sk) PROPARGYL ALCOHOL

PROTECTIVE EQUIPMENT: Safety Goggles, Chemical Resistant gloves, Respirator

PROCESS CONDITIONS: Use engineering controls to reduce air contamination to permissible exposure level.

VENTILATION: Explosion-proof general and local exhaust ventilation.

RESPIRATORS: Use chemical cartridge protection with appropriate cartridge. CCROV, CCR with organic vapor cartridge.

PROTECTIVE GLOVES: Use protective gloves made of: Neoprene, nitrile, polyethylene or PVC.

EYE PROTECTION: Wear approved chemical safety goggles where eye exposure is reasonably probable.

OTHER PROTECTION: Wear appropriate clothing to prevent repeated or prolonged skin contact.

HYGIENIC WORK PRACTICES: Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated.

Section IX - Physical Data

APPEARANCE: Liquid

COLOUR: Amber

ODOUR/TASTE: Alcohol

SOLUBILITY DESCRIPTION: Dispersible in water

MELT./FREEZ. POINT (°C, interval): Not determined

DENSITY/SPECIFIC GRAVITY (g/ml): Approx. 0.920

pH-VALUE, DILUTED SOLUTION: Approx. 3.1

VISCOSITY: Not determined

FLASH POINT (°C): Min. 9

TEMPERATURE (°C): 20

CONCENTRATION (%:M): METHOD: PM Closed cup.

Section X - Reactivity Data

STABILITY: No particular stability concerns.

CONDITIONS TO AVOID: Avoid contact with strong oxidisers.

HAZARDOUS POLYMERIZATION: Will not polymerize.

MATERIALS TO AVOID: Strong oxidizing agents.
HAZARDOUS DECOMP. PRODUCTS: Vapors/gases/fumes of: Carbon dioxide (CO2). Carbon monoxide (CO).

Section XI – Toxicological Information
INHALATION: Toxic by inhalation. Prolonged exposure to methanol vapor may cause shortness of breath and a sense of drunkeness. In extreme cases, ocular damage and visual disturbances may occur.
INGESTION: Toxic if swallowed. Ingestion of methanol may result in a feeling of intoxication and can cause visual disturbances and, in extreme cases, ocular damage.
SKIN: Propargyl alcohol causes moderate to severe irritation on contact with skin and is readily absorbed through the skin in toxic quantities. Brief, intermittent skin contact may cause moderate to severe irritation resulting in skin rashes.
EYES: Contact with eyes may cause moderate to severe irritation.

Section XII – Ecological Information
No data available

Section XIII – Disposal Considerations
DISPOSAL METHODS: Place chemical residues and contaminated absorbent materials into a suitable waste container. Take to an approved waste disposal site. Dispose of all residues in accordance with applicable waste management regulations.

Section XIV – Transport Information
DOT Hazard Class: UN1993, Flammable Liquid, n.o.s. (Contains: Methanol, Propargyl Alcohol), 3, II

Section XV – Regulatory Information
US Regulations:
DOT Reportable Quantity: Methanol, 1410 gallons of this product; Propargyl Alcohol, 2246 gallons of this product
HCS Classification: Target Organ Effects. Flammable Liquid. Irritant
CERCLA 302 Hazardous Substances: Methanol, 3027 gallons of this product; Propargyl Alcohol, 166 gallons of this product
SARA 311/312: Fire Hazard, Immediate Health Hazard, Delayed Health Hazard
TSCA Inventory Status: All components are included or exempted from listed on the US Toxic Substances Control Act Inventory
Canadian DSL: All components are compliant with or are exempted from listing on the Canadian Domestic Substance List.
WHMIS (Canada): B-2, D-1A, D-1B, D-2A, D-2B

Section XVI – Miscellaneous
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