PRODUCT NAME: C660L
Product Usage: dispersant for cooling towers
Chemical Family: acids

DOT SHIPPING NAME: Sulfuric acid solution
UN 3264
DOT HAZARD CLASS: 8
PACKAGING GROUP: II

SECTION 1 * PHYSICAL DATA

Boiling point @ 76 mm Hg: >212 °F
Vapor Density (Air=1): N/A
Specific Gravity (H2O=1): 1.06
pH (neat): <1.0
Freezing Point: 28 °F
Bulk Density: 8.84 lbs/gal
Volume % Volatile: N/A
Vapor Pressure: N/A
Evaporation Rate: N/A
Heat of Solution: N/A
Appearance and Odor: Amber liquid; azole odor

SECTION 2 * HAZARDOUS INGREDIENTS

Sulfuric Acid (93% solution) CAS# 7664-93-9

SECTION 3 * FIRE AND EXPLOSION HAZARD DATA

Flash Point °F (Method Used): NOT FLAMMABLE

Extinguishing Media: WATER, DRY CHEMICAL

Special Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING

Unusual Fire and Explosion Hazards: NONE
SECTION 4 * HEALTH HAZARD DATA

24-HOUR EMERGENCY ASSISTANCE: CHEMTREC 800-424-9300

SECTION 5 * EFFECTS OF OVEREXPOSURE

This section covers effects of overexposure for inhalation, eye/skin contact, ingestion and other types of overexposure information in the order of the most hazardous and the most likely route of overexposure.

Permissible Exposure Limits: NONE ESTABLISHED FOR C660L

Eye Contact: WILL CAUSE IRRITATION.

Skin Contact: WILL CAUSE IRRITATION.

Ingestion: NAUSEA AND VOMITING MAY OCCUR.

Inhalation: VAPORS MAY BE IRRITATING TO NOSE, THROAT AND RESPIRATORY TRACT PRODUCING SYMPTOMS OF NAUSEA.

CHRONIC: OCCUPATIONAL EXPOSURE TO THIS MATERIAL HAS NOT YET BEEN REPORTED TO CAUSE SIGNIFICANT ADVERSE HEALTH EFFECTS WHEN SAFETY PRECAUTIONS RECOMMENDED TO CONTROL EXPOSURE ARE FOLLOWED.

SECTION 6 * EMERGENCY AND FIRST AID PROCEDURES

Inhalation: REMOVE VICTIM TO FRESH AIR AND OBTAIN MEDICAL ATTENTION.

Eye or Skin Contact: WASH AFFECTED SKIN WITH SOAP AND WATER, OBTAIN MEDICAL ATTENTION. IMMEDIATELY FLUSH EYES WITH WATER. CALL PHYSICIAN.

Ingestion: DRINK LARGE QUANTITY OF WATER. GET MEDICAL ATTENTION.
SECTION 7 * REACTIVITY DATA

Stability: STABLE
Conditions to Avoid: CAUSTICS
Hazardous Polymerization: WILL NOT OCCUR
Conditions to Avoid: NONE
Incompatibility (Materials to Avoid): CONCENTRATED CAUSTICS
Hazardous Decomposition Products: N/A

SECTION 8 * SPILL OR LEAK PROCEDURES

Steps to be Taken if Material is Spilled or Released: SOAK UP SPILLS WITH ABSORBENT MATERIAL AND SCOOP INTO DRUMS.

Waste Disposal Method: DISPOSAL BY INCINERATION IS RECOMMENDED. DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION 9 * SPECIAL PROTECTION INFORMATION

Respiratory Protection: AVOID BREATHING VAPOR OR MIST. USE NIOSH/OSHA APPROVED SELF-CONTAINED BREATHING APPARATUS.
Ventilation (Type): LOCAL EXHAUST.
Eye Protection: SAFETY GOGGLES
Gloves: RUBBER
Other Protective Equipment: EYE WASH STATIONS, SAFETY SHOWERS

SECTION 10 * SPECIAL PRECAUTIONS

Precautions to be Taken During Handling and Storing: WEAR RUBBER GLOVES AND SAFETY GOGGLES. AVOID BREATHING VAPOURS AND AVOID SKIN CONTACT.