

## **ICE KING ANTIFREEZE/COOLANT (2060)**

### **MSDS Number**

BCQQR

### **National Stock Number**

6850-00N008593

### **Product Name**

ICE KING ANTIFREEZE/COOLANT (2060)

### **Manufacturer**

CONOCO INC

### **Product Identification**

Product ID:ICE KING ANTIFREEZE/COOLANT (2060)

MSDS Date:11/04/1985

FSC:6850

NIIN:00N008593

MSDS Number: BCQQR

### **Responsible Party**

CONOCO INC.

PONCA CITY , OK 74603

Emergency Phone: 800-424-9300(CHEMTREC)TRANS EMERG.

Info Phone: 405-767-6000

Cage: DO839

### **Contractor**

CONOCO INC.

1267

PONCA CITY, OK 74603

US

405767-6000

Cage: DO839

### **Ingredients**

ETHYLENE GLYCOL (SARA III)

CAS: 107-21-1

RTECS: KW2975000

OSHA PELC 50 PPM

ACGIH TLV: C 50 PPM,VAPOR; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

### **Hazards**

LD50 LC50 Mixture:N/K

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHAL,SKIN ABSORPTION:MAY CAUSE CNS DEPRESSION AND LIVER OR KIDNEY TOXICITY.REPRODUCTION STUDIES IN RODENTS HAVE SHOWN THAT EXTREME HIGH DOSES,TOXIC TO PREGNANT FEMALE,WERE TOXIC TO NEWBORN & CAUSED B IRTH DEFECTS.IN THIS REGARD,VOLATILITY OF ETHYLENE GLYCOL LOW & EXPOSURE SHOULD BE EASY TO CONTROL.

Explanation of Carcinogenicity:NONE  
Effects of Overexposure:INHAL:IRRITATING TO LUNGS.SKIN &  
EYES:IRRITATION.INGEST:N/K .  
Medical Cond Aggravated by Exposure:N/K

## First Aid

First Aid:INHAL:REMOVE TO FRESH AIR.IF BREATHING STOPS,PERFORM ARTF  
RESP.GET MD ATTN.SKIN:IMMED REMOVE CONTAM CLOTHING.WASH EXPOSED  
SKIN THOROUGHLY W/ SOAP & WATER.IF IRRIT PERSISTS,GET MD  
ATTN.EYES:IMMED FLUSH W/FRESH H\*2O AT LEAST 15 MINUTES.GET MD  
ATTN.INGEST:INDUCE VOMITING,LOWERING VICTIM'S HEAD TO PREVENT  
ASPIRATION.GET MED ATTN.DO NOT ATTEMPT TO GIVE LIQUID TO AN  
UNCONSCIOUS PERSON.

## Fire Fighting

Flash Point Method:PMCC  
Flash Point:230F,110C  
Lower Limits:3.2  
Upper Limits:15.3  
Extinguishing Media:WATER SPRAY,DRY CHEMICAL,ALCOHOL RESISTANT FOAM,OR  
CARBON DIOXIDE.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE  
EQUIPMENT .KEEP FIRE-EXPOS CNTNRS COOL W/ WATER.USE WATER SPRAY TO  
FLUSH SPILL FROM FIRE EXPOS (SEE SUP DAT  
Unusual Fire/Explosion Hazard:COMBUST PRODS INCLUDE OXIDES & OTHER  
TOXIC MTLs,AS WELL A N OXIDES.IF WATER EVAPORATES OFF,RESIDUAL  
MATERIALS COULD BURN.

## Accidental Release

Spill Release Procedures:CONTAIN IMMED IN SMALLEST AREA POSS. RECOVER  
AS MUCH AS POSS BY SUCH METHOD AS VACUUMING FOLLOWED BY ABSORPTION  
ON ABSORBANT MATL.REMOVE CONTAM ITEMS INCLUDING SOILS & PUT IN  
CNTNR FOR DISPOSAL.AVOID WASHING/DIRECTING MTL TO STORM OF  
SANITARY SEWERS.  
Neutralizing Agent:N/K

## Handling

Handling and Storage Precautions:STORE AND HANDLE AS COMBUSTIBLE  
LIQUID.DO NOT STORE IN OPEN OR UNLABELED CNTNRS.KEEP OUT OF REACH  
OF CHILDREN & ANIMALS.DO NOT REUSE CNTNR.  
Other Precautions:N/K

## Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR  
EXPOSURE OF CONCERN .  
Ventilation:LOCAL AND GENERAL VENTILATION NECESSARY TO KEEP AIR  
CONCENTRATION BELOW TLV .NORMAL SHOP VENTILATION (MFR).  
Protective Gloves:PROTECTIVE GLOVES.  
Eye Protection:CHEMICAL WORKERS GOGGLES .  
Other Protective Equipment:NOT NORMALLY REQUIRED.  
Work Hygienic Practices:LAUNDER CONTAMINATED CLOTHING BEFORE  
REUSE.EXTREMELY CONTAMINATED LEATHER SHOES SHOULD BE DISCARDED.  
Supplemental Safety and Health  
SPEC FIRE FIGHTING PROC:OR,IF SPILL HAS NOT IGNITED,TO DISPERSE THE  
VAPORS & PROVIDE PROTECTION FOR MEN ATTEMPTING TO STOP A LEAK.

## Chemical Properties

Boiling Pt:B.P. Text:320F,160C  
Melt/Freeze Pt:M.P/F.P Text:N/K  
Decomp Temp:Decomp Text:N/K  
Vapor Pres:0.05 MMHG  
Vapor Density:2.14  
Spec Gravity:1.125 (WATER=1)  
Solubility in Water:COMPLETELY  
Appearance and Odor:FLUOROSCENT GREEN LIQUID;MILD GLYCOL ODOR.

## Stability

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: N/K

Hazardous Decomposition Products: C DIOXIDE, C MONOXIDE, VAPORS OF ETHYLENEGLYCOL. SMALL AMTS OF NITROGEN OXIDES CAN BE PRODUCED.

## Disposal

Waste Disposal Methods: DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. RECYCLE AS MUCH OF RECOVERABLE PRODUCT AS POSSIBLE.

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