

## **TR-68C, CYAN TONER REPLENISHER, 20272-0025**

### **MSDS Number**

BXDQM

### **National Stock Number**

6850-01-388-5062

### **Product Name**

TR-68C, CYAN TONER REPLENISHER, 20272-0025

### **Manufacturer**

CALCOMP

### **Product Identification**

Product ID:TR-68C, CYAN TONER REPLENISHER, 20272-0025

MSDS Date:03/25/1994

FSC:6850

NIIN:01-388-5062

MSDS Number: BXDQM

### **Responsible Party**

CALCOMP

2411 WEST LA PALMA AVE

ANAHEIM , CA 92803

US

Emergency Phone: 800-424-9300 (CHEMTREC)

Info Phone: 714-821-2556

Cage: IO122

### **Contractor**

CALIFORNIA COMPUTER PRODUCTS SUB OF SANDERS ASSOC

3250

ANAHEIM, CA 92803

US

714-821-2290

Cage: 14668

### **Ingredients**

MINERAL SPIRITS;(ISOPAR G)

CAS: 64475-85-0

RTECS: PY8240000

Fraction By Weight: 84-92%

OSHA PELN/K

ACGIH TLV: N/K

DISCOMFORT WHEN EXPOSED TO CONCS BELOW THE

RTECS: 9999999ZZ

SPACES. CLEAN-UP ABSORB MATL & DISPOSE OF

RTECS: 9999999ZZ

VAPS FROM ABSORBED MATL. PVNT LIQUID FROM ENTERING  
RTECS: 9999999ZZ

W/SORBANT MATL. DO NOT USE COMBUST MATL SUCH AS  
RTECS: 9999999ZZ

EXPLOSION PROOF PUMP) OR WITH SUITABLE ABSORBANT.  
RTECS: 9999999ZZ

ENSURE CONFORMITY TO LOCAL & FEDERAL DISPOSAL  
RTECS: 9999999ZZ

OR WITH SUITABLE ABSORBS. CONSULT AN EXPERT ON DISP  
RTECS: 9999999ZZ

REPORT THE SPILL TO THE PROPER FEDERAL, STATE OR  
RTECS: 9999999ZZ

USE PROER GROUNDING PROC DUE TO ELECTROSTATIC  
RTECS: 9999999ZZ

HEAT WILL PRODUCE VAPORS. CLOSE CNTNRS WHEN NOT IN  
RTECS: 9999999ZZ

EXPOSE SUCH CNTNRS TO HEAT, FLAME, SPARKS,  
RTECS: 9999999ZZ

EXPLODE & CAUSE INJURY OR DEATH. EMPTY DRUMS SHOULD  
RTECS: 9999999ZZ

RETURN TO A DRUM RECONDITIONER, OR PROPERLY  
RTECS: 9999999ZZ

HYDROCARBONS POSE POTNTL HUMAN HLTH RISKS WHICH MAY  
RTECS: 9999999ZZ

EXPOS TO LIQUIDS, VAPS, MISTS/FUMES SHOULD BE  
RTECS: 9999999ZZ

300 PPM TOTAL HYDROCARBON BASED ON COMPOSITION.

RTECS: 9999999ZZ

SOCIETY OF HEATING, AIR CONDITIONING & REFRIGERATING

RTECS: 9999999ZZ

UNDER SOME CDNTNS OF USE/COMBINATIONS OF EQUIP,

RTECS: 9999999ZZ

VENT IS RECOMM WHENEVER PROD IS USED IN CONFINED

RTECS: 9999999ZZ

SHOULD ASSURE THAT VENTILATION IS SUFFICIENT TO

RTECS: 9999999ZZ

CONSULT A QUALIFIED VENTILATION ENGINEER

RTECS: 9999999ZZ

PRLGD/RPTD SKIN CONTACT. WHENEVER HNDLG

RTECS: 9999999ZZ

SUCH AS WASHING YOUR HANDS AFTER USING PRODUCT.

RTECS: 9999999ZZ

SOLVS & PETRO BASED OILS. CONT LICENSED HAZ

RTECS: 9999999ZZ

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:INHAL: HIGH VAP CONCS (>1000 PPM) ARE

IRRIT TO EYES & RESP TRACT, MAY CAUSE HDCH, DIZZ, ANESTHESIA,

DROWS, UNCON & OTHER CNS EFTS INCLG DEATH. SKIN: LOW ORDER OF

TOXICITY. FREQUENT/PLNGD CONTACT MAY I RRIT & CAUSE DERM. SKIN CONT

MAY AGGRAVATE AN EXISTING CNDTN. EYE: SLIGHTLY IRRIT BUT DOES NOT

INJURE (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ: EYE TISSUE. INGEST: SMALL AMTS OF

THIS PRODUCT ASPIRATED INTO THE RESP SYTSEM DURING INGEST/VOMITING

MAY CAUSE MILD TO SEV PULM INJURY, POSS PROGRESSING TO DEATH.

MINIMAL TOXICITY. DEATH IS POSSIBLE IF EXPOSED TO VERY HIGH CONCS

FOR PRLNGD PERIODS. PERS SENSITIVE TO HYDROCARBON EXPOS MAY

EXPERIENCE(ING 2)

Medical Cond Aggravated by Exposure:PERSONNEL W/PRE-EXISTING HEALTH

CNDTNS OF DERMATITIS & RESPIRATORY AILMENTS WILL NOTICE PHYSICAL

REACTIONS WHEN EXPOSED TO SMALL AMOUNTS OF PRODUCT/VAPOR.

## First Aid

First Aid:EYE: FLUSH W/LGE AMTS OF WATER FOR AT LEAST 15 MINS/UNTIL IRRIT SUBSIDES. IF IRRIT PERSISTS, GET MED ATTN. SKIN: REMOVE CONTAMD CLTHG. FLUSH W/LGE AMTS OF WATER. WASH SKIN THORO W/SOAP & WATER. DO NOT REUSE CONTAMD CLTHG UNTIL SOLVS HAVE BEEN REMOVED. INHAL: USING PROPER RESP PROT, IMMED REMOVE FROM EXPOSURE. CALL MD IMMED. IF BRTHG IS IRREG/STOPPED, START RESUS IF TRAINED. ADMIN O\*2 IF (SUPDAT)

## Fire Fighting

Flash Point Method:TCC  
Flash Point:100F,38C  
Lower Limits:1.2%  
Upper Limits:9.6%  
Extinguishing Media:USE WATER SPRAY TO COOL FIRE EXPOSED SURFACES AND TO PROTECT PERSONNEL. USE FOAM OR DRY CHEMICAL TO EXTINGUISH FIRE.  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP. AVOID SPRAYING WATER DIRECTLY INTO STORAGE CNTNRS DUE TO DANGER OF BOILOVER. SHUT OFF "FUEL" (SUPDAT)  
Unusual Fire/Explosion Hazard:NONE. COMBUSTIBLE LIQUID, CAN FORM COMBUSTIBLE MIXTURES AT TEMPERATURES AT OR ABOVE THE FLASH POINT. (AUTOIGNITION TEMP: 559F)

## Accidental Release

Spill Release Procedures:LAND SPILL: ELIM ALL SOURCES OF IGNIT. PVNT ADDTNL DISCHARGE OF MATL, IF POSS TO DO SO W/OUT HAZ. RECOVER FREE PROD BY ADDING SAND, EARTH/OTHER SUITABLE ABSORB TO SPILLED LIQUID. KEEP NON-ESSENTIAL PE RS AWAY. AVOID BRTHG VAPS. VENT CONFINED(ING 3)  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:STORE IN COOL DRY PLACE & DO NOT EXCESS OVER STACK TO PVNT CRUSHING OF CNTNRS. AVOID TEMP EXTREMES FOR PLNGD PERIODS TO PVNT PROD DEGRADATION.(ING 10)  
Other Precautions:STATIC DISCHARGE, MATL CAN ACCUMULATE STATIC CHARGES WHICH CAN CAUSE AN INCENDIARY ELECTRICAL DISCHARGE. "EMPTY" CNTNRS RETAIN PROD RESIDUE(LIQUID &/VAP) & CAN BE DANGEROUS. DO NOT PRESS, CUT, WELD, B RAZE, SOLDER, DRILL, GRIND/(ING 12)

## Exposure Controls

Respiratory Protection:NOT NEEDED WHEN USED AS INTENDED W/CALCOMP PRODUCTS. IN CONCS, EXCEEDING RECOMM SAFE EXPOSURE LIMIT, SUCH AS DURING A MAJOR SPILL, USE A CHEMICAL CARTRIDGE RESPIRATOR(NIOSH/MSHA APPRVD) EFFECTIVE FOR ORGANIC VAPS.  
Ventilation:NO SPECIAL VENT IS NEEDED WHEN USED AS INTENDED W/CALCOMP PRODS. NORMAL OFFICE VENT CONFORMING TO AMERICAN (ING 18)  
Protective Gloves:NITRILE/NEOPRENE GLOVES.  
Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS.  
Other Protective Equipment:WEAR CHEMICAL RESIST APRON WHEN CLEANING MACHINES AS REPLENISHERS MAY STAIN CLTHG.  
Work Hygienic Practices:KEEP CNTNRS CLSD WHEN NOT IN USE. DO NOT SMOKE WHEN USING PRODUCT. MIN BRTHG VAP/MIST. USE W/ADEQ VENT. AVOID (ING 23)

Supplemental Safety and Health  
SPEC GRAV: 0.75 - 0.82 @ 15.5C(H\*20=1). FIRE FIGHT PROC: TO FIRE. IF LEAK/SPILL HAS NOT IGNIT, USE WATER SPRAY TO DISPERSE VAPS. FIRST AID PROC: AVAIL. INGEST: DO NOT INDUCE VOMIT. DILUTE CONTENTS OF STOMACH W/SEVERAL GLASSES OF WATER. CALL MD IMMED.

## Chemical Properties

Boiling Pt:B.P. Text:>320F,>160C  
Vapor Pres:2 @ 20C  
Vapor Density:4.94  
Spec Gravity:SUPDAT  
Evaporation Rate & Reference:0.3 APPROXIMATE (NBUAC=1)  
Solubility in Water:Appearance and Odor:CYAN LIQUID WITH FAINT ISOPARAFFINIC HYDROCARBON ODOR.

## Stability

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: NONE.

## Disposal

Waste Disposal Methods: RCRA HAZ WASTE NO: D001. WASTE TONERS & REPLENISHERS ARE HAZ WASTES AS DEFINED BY 40 CFR CHAPTER 1 (FLAMM). ASSURE CONFORMITY W/ALL APPLIC FED, STATE & LOC DISP REGS. WASTE TONERS & REPLENISHERS ARE COMPATIBLE FOR DISP W/MOST NON-HALOGENATED (ING 25)

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