

## **INSTRU-KLENZ, 1086X**

### **MSDS Number**

BXFWQ

### **National Stock Number**

7930-01-372-6916

### **Product Name**

INSTRU-KLENZ, 1086X

### **Manufacturer**

CALGON CORP

### **Product Identification**

Product ID:INSTRU-KLENZ, 1086X

MSDS Date:04/05/1985

FSC:7930

NIIN:01-372-6916

MSDS Number: BXFWQ

### **Responsible Party**

CALGON CORP

7501 PAGE AVE

ST LOUIS , MO 63166

US

Emergency Phone: 314-862-2000

Info Phone: 412-777-8000

Cage: 86035

### **Contractor**

STERIS CORPORATION, CALGON VESTAL DIV

147

SAINT LOUIS, MO 63166

US

800-548-4873 / 314-535-1810

Cage: 19410

### **Ingredients**

ACETIC ACID, (ETHYLENEDINITRILO)TETRA-, TETRASODIUM SALT;

CAS: 64-02-8

RTECS: AH5075000

Fraction By Weight: 20%

OSHA PELN/K

ACGIH TLV: N/K

TO THE PRODUCT AND/OR INGREDIENTS.

RTECS: 9999999ZZ

### **Hazards**

LD50 LC50 Mixture:LD50(ORAL,RATS):>5 G/KG.

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INGEST:PRACTICALLY NON TOX. INAHL:PROD  
IS AN AQUEOUS SOLN. IT WOULD NOT BE CONSIDERED HAZ. SKIN:NOT  
EXPECTED TO BE TOX. NOT PRIMARY IRRITANT. SENSIT TESTING ON PROD IS  
NOT AVAIL. HOWEVER, HUMAN PATCH TESTING ON NEUT SALTS OF EDTA AT  
0.25% CONC PRDCE NO IRRIT. ALLERGY TESTS RUN ON 0.1% SOLN OF PROD  
(EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZS:ON GUINEA PIGS SHOWED NO INDICATION  
OF A REACTION. EYES:CAUSES IRRIT. INSTILLATION OF 0.1 ML OF PROD IN  
RABBIT EYES (NO WASH) PRODUCED CORNEAL OPACITY IN 2/6 EYES WHICH  
CLEARED IN 1 EYE & PE RSISTED IN OTHER ON DAY 3. IRITIS SEEN IN 4/6  
EYES CLEARED BY DAY 3. MOD CONJUNCT IRRIT SEEN IN ALL EYES (SUPP  
DATA)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:INGEST:CALL MD IMMEDIATELY . INHAL:REMOVE TO FRESH AIR.  
SUPPORT BREATHING (GIVE O\*2/ARTF RESP) . SKIN:FLUSH W/COPIOUS  
AMOUNTS OF WATER. CALL MD . EYES:IN CASE OF CONTACT, FLUSH WITH  
PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION DEVELOPS,  
CALL A PHYSICIAN.

## Fire Fighting

Flash Point:NOT FLAMMABLE

Extinguishing Media:MEDIA SUITABLE FOR SURROUNDING FIRE . PRODUCT IS  
NOT FLAMMABLE.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL  
PROTECTIVE EQUIPMENT . EXERCISE CAUTION WHEN FIGHTING ANY CHEMICAL  
FIRE.

Unusual Fire/Explosion Hazard:NONE.

## Accidental Release

Spill Release Procedures:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND  
FEDERAL REGS. DIKE AREA TO CNTN AS MUCH SPILLED MATL AS POSS.  
REMOVE ANY REMAINING MATL BY ABSORBING ON VERMICULITE/OTHER  
SUITABLE ABSORBING MATERIAL AND PLACE IN A SEALED METAL CONTAINER  
FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:AVOID CONTACT WITH EYES. KEEP  
CONTAINER CLOSED. WASH THOROUGHLY AFTER HANDLING.

Other Precautions:NONE.

## Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE  
FOR EXPOSURE OF CONCERN . NOT REQUIRED.

Ventilation:NORMAL VENTILATION.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .

Other Protective Equipment:NOT REQUIRED.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

SPEC GRAV:1.130-1.150 (H\*20=1). VP:SIMILAR TO WATER. VAP DENS:SIMILAR  
TO WATER. PH:10.8-11.0 (1% SOLN). EFTS OF OVEREXP:IMPROVED TO  
SLIGHT IRRIT ON DAY 3. SCORES ON DAY 1 RANGED FROM 4-20/110.

SUBCHRO NIC, CHRONIC, OTHER:NO APPLIC INFO WAS FOUND CONCERNING  
ADVERSE HLTH EFTS RSLTNG FROM SUBCHRONIC & CHRONIC EXPOS(ING 2)

## Chemical Properties

Boiling Pt:B.P. Text:>212F,>100C

Vapor Pres:SUPP DATA

Vapor Density:SUPP DATA

Spec Gravity:SUPP DATA

pH:SUPDAT

Solubility in Water:COMPLETE

Appearance and Odor: CLEAR STRAW-COLORED LIQUID WITH MILD CHEMICAL ODOR.  
Percent Volatiles by Volume: 80

## Stability

Stability Indicator/Materials to Avoid: YES

ACIDS, STRONG OXIDIZERS.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: CONTACT WITH ALUMINUM MAY PRODUCE HYDROGEN.

## Disposal

Waste Disposal Methods: DISPOSE OF IN A LANDFILL OR INCINERATE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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