

## **CLEANBREAK**

### **MSDS Number**

CCMKW

### **National Stock Number**

6850-01-374-8642

### **Product Name**

CLEANBREAK

### **Manufacturer**

UNITOR CHEMICALS A UNITOR GROUP CO

### **Product Identification**

Product ID:CLEANBREAK

MSDS Date:01/12/1995

FSC:6850

NIIN:01-374-8642

MSDS Number: CCMKW

### **Responsible Party**

UNITOR CHEMICALS, A UNITOR GROUP CO.

Emergency Phone: 800-424-9300(CHEMTREC)

Cage: NO539

### **Contractor**

UNITOR SHIPS SERVICE INC

NORFOLK, VA 23502

US

804-853-4507

Cage: 0B8W4

### **Ingredients**

NONE OF INGREDIENTS ARE LISTED AS HAZARDOUS.

### **Hazards**

LD50 LC50 Mixture:LD50 NOT DETERMINED.

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

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

Health Hazards Acute and Chronic:MILDLY IRRITATING TO EYES. PROLONGED SKIN CONTACT WILL RESULT IN DEFATTING OF SKIN,LEADING TO IRRITATION & IN SOME CASES, DERMATITIS. INHALATION OF SOLVENT VAPOURS MAY GIVE RISE TO NAUSEAS, HEADACHES, DIZZINESS.

Explanation of Carcinogenicity:NO SPECIFIC TESTS WERE DONE TO PROVE THAT PRODUCT DOES NOT HAVE CARCINOGENIC EFFECTS.

Effects of Overexposure:MILD EYE IRRITATION, DEFATTING OF SKIN, SKIN IRRITATION, DERMATITIS. NAUSEA, HEADACHES, DIZZINESS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

### **First Aid**

First Aid:INHALED-INHALATION IS UNLIKELY TO OCCUR. SEEK MEDICAL ATTENTION IF EFFECTS OCCUR. SKIN-FUSH AREA WITH WARM WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. CONTAMINATE CLOTHES SHOULD BE LAUNDERED BEFORE REUSE.EYES-IMMEDIATELY FLUSH WITHPLENTY OF WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. INGESTION-NEVER MAKE AN UNCONSCIOUS PERSON TO VOMIT OR DRINK FLUIDS. DO NOT INDUCE VOMITING! SEEK IMMEDIATE MEDICAL ATTENTION. IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE; SHOW LABEL IF POSSIBLE.

## Fire Fighting

Flash Point Method:CC  
Flash Point:=65.C, 149.F  
Autoignition Temp:=225.C, 437.F  
Lower Limits:0.6  
Upper Limits:8.0  
Extinguishing Media:IN CASE OF FIRE USE FOAM, CARBON DIOXIDE, OR DRY AGENT(S-43).  
Fire Fighting Procedures:KEEP CONTAINERS EXPOSED TO FIRE COOL, BY SPRAYING WITH WATER.  
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

## Accidental Release

Spill Release Procedures:WEAR PROTECTIVE CLOTHING. CONTAIN SPILLAGE BY ANY MEANS POSSIBLE.DON'T ALLOW TO ENTER PUBLIC SEWERS AND WATERCOURSES. ABSORB IN SUITABLE INERT MATERIAL & PLACE IN APPROPRIATE CNTNR. VENTILATE AREA.WASH SITE AFTER MATERIAL PICKUP IS COMPLETE.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:THE USUAL PRECAUTIONS FOR HANDLING CHEMICALS SHOULD BE OBSERVED. AVOID EYE OR SKIN CONTACT. ENSURE ADEQUATE VENTILATION. DON'T BREATHE VAPOUR.  
Other Precautions:KEEP ONLY IN ORIGINAL CONTAINER IN COOL WELL VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED & DRY.

## Exposure Controls

Respiratory Protection:WEAR APPROVED RESPIRATOR IF EXPOSURE IS LIKELY TO EXCEED MEL/OES (TLV/PEL).  
Ventilation:NONE SPECIFIED BY MANUFACTURER.  
Protective Gloves:PLASTIC,RUBBER GLOVES RECOMMENDED.  
Eye Protection:EYE/FACE PROTECTION.  
Other Protective Equipment:WEAR SUITABLE PROTECTIVE CLOTHING.  
Work Hygienic Practices:CONTAMINATED CLOTHING SHOULD BE RELAUANDERED BEFORE REUSE.  
Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

## Chemical Properties

HCC:V4  
Boiling Pt:=195.C, 383.F  
Decomp Temp:Decomp Text:NP  
Vapor Pres:N/ESTABLIS  
Spec Gravity:0.79 @20C  
pH:NA  
Solubility in Water:INSOLUBLE.  
Appearance and Odor:LIQUID, CLEAR BROWN, SLIGHT SOLVENT ODOR.  
Percent Volatiles by Volume:NP  
Corrosion Rate:NP

## Stability

Stability Indicator/Materials to Avoid:YES  
NONE KNOWN.  
Stability Condition to Avoid:DO NOT STORE IN EXTREME TEMPERATURES.  
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

## Disposal

Waste Disposal Methods:MATERIAL & ITS CONTAINER MUST BE DISPOSED OF IN A SAFE WAY. DISPOSAL SHOULD BE IAW LOCAL, STATE AND FEDERAL LEGISLATION.

## Toxicology

Toxicological Information:TOXIC DOSE (LD50): NOT DETERMINED. TOXIC CONCENTRATION (LC50): NOT DETERMINED. CARCINOGENICITY: NO SPECIFIC TESTS WERE DONE TO PROVE THAT THE PRODUCT DOES NOT HAVE

CARCINOGENIC EFFECTS.

## Other Information

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.

## Ecology

Ecological:THIS PRODUCT IS INSOLUBLE, HENCE THE TRADE NAME "CLEANBREAK", ITS ENVIRONMENTAL PROPERTIES, THOUGH SCARCE, ARE ENCOURAGING. THE ABSENCE OF LOWER CHAIN ALKANES ENSURES LOW TOXICITY AND LITTLE CHANCE OF BIOACCUMULATION. BIODEGRADATION DATA WOULD BE DESIRABLE IN FUTURE FOR COMPLETE EVALUATION. HOWEVER, THE RESULTS OF THE HYDROCARBON FAMILIES METHOD IS SUFFICIENT AT PRESENT TO CATEGORISE THE INGREDIENTS SATISFACTORY WITHIN THE LIMITS OF THE NEW IMO REGULATIONS.

## Transport

Transport Information:NOT REGULATED.

## Regulatory

SARA Title III Information:NONE SPECIFIED BY MANUFACTURER.  
Federal Regulatory Information:NONE SPECIFIED BY MANUFACTURER.  
State Regulatory Information:NONE SPECIFIED BY MANUFACTURER.