

## **6861, IMMERSION CLEANER & COLD PARTS CLEANER**

### **MSDS Number**

BNBKD

### **National Stock Number**

6850-00N028765

### **Product Name**

6861, IMMERSION CLEANER & COLD PARTS CLEANER

### **Manufacturer**

SAFETY KLEEN CORP

### **Product Identification**

Product ID:6861, IMMERSION CLEANER & COLD PARTS CLEANER

MSDS Date:07/13/1990

FSC:6850

NIIN:00N028765

MSDS Number: BNBKD

### **Responsible Party**

SAFETY KLEEN CORP

777 BIG TIMBER ROAD

ELGIN , IL 60123

US

Emergency Phone: 800-942-5969;800-424-9300(CHEMTREC)

Info Phone: 708-697-8460

Preparer: SK TECHNICAL SERVICES

Cage: IO253

### **Contractor**

SAFETY-KLEEN CORP

COLUMBIA, SC 29201

US

1-803-933-4200

Cage: 30530

### **Ingredients**

2-PYRROLIDINONE, 1-METHYL-; (N-METHYL-2-PYRROLIDONE)

CAS: 872-50-4

RTECS: UY5790000

OSHA PEL100 PPM (MFR)

ACGIH TLV: 100 PPM (MFR)

DIPROPYLENE GLYCOL, MONOMETHYL ETHER

CAS: 34590-94-8

RTECS: JM1575000

OSHA PEL100PPM;150PPM STEL,S

ACGIH TLV: 100PPM;150PPM STEL,S

ETHANOL,2-AMINO-; (ETHANOLAMINE)

CAS: 141-43-5

RTECS: KJ5775000

OSHA PEL3 PPM;6 PPM STEL

ACGIH TLV: 3 PPM;6 PPM STEL

9-OCTADECENOIC ACID, (Z)-; (OLEIC ACID)

CAS: 112-80-1

RTECS: RG2275000

WATER

CAS: 7732-18-5

RTECS: ZC0110000

CHLORINATED SOLVENTS (CONTAINING ING 9&10)

Fraction By Weight:

METHANE, DICHLORO-; (METHYLENE CHLORIDE)

CAS: 75-09-2

RTECS: PA8050000

Fraction By Weight: >0.1%

OSHA PEL500 PPM;1000 PPM,C

ACGIH TLV: 50 PPM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ETHYLENE, TETRACHLORO-; (TETRACHLOROETHYLENE)

CAS: 127-18-4

RTECS: KX3850000

Fraction By Weight: >0.1%

OSHA PEL100 PPM

ACGIH TLV: 25PPM/100,A3 STEL;94

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

OLEIC ACID IS AN EXPERIMENTAL TUMORIGEN.

RTECS: 9999999ZZ

DO NOT LEAVE VICTIM UNATTENDED. SEEK IMMED

RTECS: 9999999ZZ

& EMER. SELECTION & USE OF RESP PROT EQUIP SHOULD

RTECS: 9999999ZZ

NAPHTHALENE

CAS: 91-20-3

RTECS: QJ0525000

OSHA PEL10 PPM;15 PPM STEL

ACGIH TLV: 10 PPM;15 PPM STEL

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

SOLVENT NAPHTHA; (AROMATIC 150) MAY CONTAIN UP TO 5% INGRED

CAS: 64742-94-5

RTECS: WF3100000

OSHA PEL100 PPM (MFR)

ACGIH TLV: 100 PPM (MFR)

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:ACUTE: SKIN: CORR TO LIVING TISSUE & IS ABSORBED THRU SKIN CAUSING SYSTEMIC POISONING. CONT W/UNPROTECTED SKIN CAN CAUSE DISCOLORATION, IRRIT, BLISTER & SLOW HEALING CHEM BURNS. EYES: CONT W/LIQ MAY CAUSE SEV CHEM BURNS & PRDCE PERM DAM. INHAL: MAY RSLT IN SEV RESP IRRIT; GI DISTRESS (NAUS/VOMIT), CNS (EFTS OF OVEREXP)

Explanation of Carcinogenicity:METHYLENE CHLORIDE, TETRACHLOROETHYLENE: GROUP 2B (IARC), GROUP 2 (NTP).

Effects of Overexposure:HLTH HAZ: DEPRESS (HDCH, DROW, DIZZ, CONFUSN) & TINGLING OR NUMBNESS OF EXTREMITIES. SEV EXPOS MAY LEAD TO RESP FAILURE, COMA/DEATH. INGEST:MAY PRDCE BURN PAIN IN MOUTH & STOM, SEV ABDOM PAIN W/NAUS/V OMIT/SLOW RESP & IRREG PULSE. SYMP SIMILAR TO THOSE FOR INHAL ALSO MAY OCCUR. CHRONIC: EXPOS TO HIGH CONC (SUPP DATA)

Medical Cond Aggravated by Exposure:INDIVIDUALS W/PRE-EXISTING LIVER, KIDNEY, LUNG OR CARDIOVASCULAR DYSFUNC MAY HAVE INCR SUSCEPTIBILITY TO EFFECTS OF EXPOS. CONTACT WITH SKIN MAY AGGRAVATE PRE-EXISTING DERMATITIS.

## First Aid

First Aid:EYES: FLUSH W/CLEAN H2O FOR 20 MIN LIFT LIDS OCCAS. CONSULT PHYS IF IRRIT PERSISTS. SKIN: REMOVE CONTAMD CLTHG. WASH SKIN TWICE W/SOAP/H2O. IF IRRIT DEVELOPS & PERSISTS, CONSULT PHYS. INGEST: ASPIR HA Z. IF CONSCIOUS, DILUTE W/4-8OZ OF H2O & SEEK IMMED MED ATTN. DO NOT INDUCE VOMIT. INHAL: REMOVE TO FRESH AIR IMMED. USE O2 IF THERE IS DFCLTY BRTHG/ARTF RESP IF RESP HAS STOPPED. (ING 12)

## Fire Fighting

Flash Point Method:SCC

Flash Point:142F,61C

Lower Limits:0.8%

Upper Limits:7.0%

Extinguishing Media:NONE SPECIAL. MEDIA SUITABLE FOR SURROUNDING FIRE .

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:DECOMP & COMBUSTION PROD MAY BE TOX. HEATED TANKS MAY RUPTURE, EXPLODE/BE THROWN INTO AIR. VAP ARE HVR/AIR & MAY TRAVEL GREAT DIST TO IGNIT SOURCE & FLASHBACK.

## Accidental Release

Spill Release Procedures: VENT AREA & AVOID BRTHG VAP. ABSORB SPILL W/ OIL ABSORB/SODA ASH. CATCH & COLLECT FOR RECOVERY AS SOON AS POSSIBLE. SHOVEL INTO CLOSABLE CONTR FOR DISP. WEAR PROT EQUIP. CONTAIN AWAY FROM SURFACE WATE RS AND SEWERS.  
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions: KEEP AWAY FROM HEAT, SPARKS, & OPEN FLAMES. USE W/ADEQ VENT. AVOID CONT W/SKIN/EYES/CLTHG. AVOID BRTHG VAP. EMPTY PROD CONTR MAY CNTN PROD RESIDUE.  
Other Precautions: DO NOT PRESSURIZE, CUT, HEAT, WELD, GRIND OR EXPOSE CONTAINERS TO FLAME OR OTHER SOURCES OF IGNITION. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE AND DURING TRANSPORT.

## Exposure Controls

Respiratory Protection: USE NIOSH/MSHA APPRVD RESP PROT EQUIP WHEN CONC OF VAP EXCEEDS APPLIC EXPOS LIM. DPNDG ON AIRBORNE CONC, USE NIOSH/MSHA APPRVD RESP/GAS MASK W/APPROP CARTRIDGES/CANISTERS (FOR ORGN VAP). NIOSH/MSHA AP PRVD SCBA IS REQD FOR LG SPILLS (ING 13)  
Ventilation: PROVIDE LOC EXHAUST/GEN DILUTION VENT, AS DETERMINED NECESSARY, TO MAINTAIN CONC OF VAPORS BELOW APPLIC EXPOS LIM.  
Protective Gloves: NEOPRENE GLOVES.  
Eye Protection: CHEM WORK GOG & FULL LENGTH FHSLD.  
Other Protective Equipment: EMER EYEWASH, DELUGE SHOWER. WEAR SOLV-RESISTANT BOOTS/APRON OTHER PROT CLTHG WHERE SPILLS/SPLASHES ARE POSSIBLE.  
Work Hygienic Practices: USE GOOD PERSONAL HYGIENE. WASH THOROUGHLY WITH SOAP AND WATER AFTER HNDLG & BEFORE EAT/DRINK OR USING TOBACCO PROD.  
Supplemental Safety and Health  
SOL IN H2O: COMPLETELY MISCIBLE IN ALL PROPORTIONS. EFTS OF OVEREXP: MAY LEAD TO DAM TO LIVER/KIDNEYS/LUNGS. CONT W/SKIN MAY CAUSE DERM, GI DISORDERS & PRDCE SYMP SIMILAR TO THOSE FOR INHAL. DIPROPYLE NE GLYCOL METHYL ETHER IS MILD ALLERGEN. NAPHTHALENE IS AN EXPERIMENTAL TUMORIGEN, & MUTAGENIC DATA EXISTS. (ING 11)

## Chemical Properties

HCC: C2  
Boiling Pt: B.P. Text: >210F, >99C  
Melt/Freeze Pt: M.P/F.P Text: Vapor Pres: 10.9@25C  
Vapor Density: 2.6  
Spec Gravity: 0.95(WATER=1)  
pH: 10.8  
Evaporation Rate & Reference: 1.0(WATER=1)  
Solubility in Water: SUPP DATA  
Appearance and Odor: CLEAR, REDDISH BROWN LIQUID WITH HYDROCARBON ODOR.  
Percent Volatiles by Volume: 92(WT)

## Stability

Stability Indicator/Materials to Avoid: YES  
STRONG OXIDIZING AGENTS (E.G. CHLORINE, PEROXIDES, STRONG ACIDS).  
Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products: THERMAL DECOMPOSITION AND BURNING MAY PRODUCE CO, NOX, AND ACRID SMOKE.  
Conditions to Avoid Polymerization: GLYCOL ETHERS HAVE BEEN SHOWN TO FORM EXPLOSIVE PEROXIDES.

## Disposal

Waste Disposal Methods: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. CONTACT SAFETY-KLEEN REGARDING RECYLCING.

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.