

## **6617 SAFETY-KLEEN 105 SOLVENT**

### **MSDS Number**

BTVGH

### **National Stock Number**

6850-00F036110

### **Product Name**

6617 SAFETY-KLEEN 105 SOLVENT

### **Manufacturer**

SAFETY KLEEN CORP

### **Product Identification**

Product ID:6617 SAFETY-KLEEN 105 SOLVENT

MSDS Date:01/15/1992

FSC:6850

NIIN:00F036110

MSDS Number: BTVGH

### **Responsible Party**

SAFETY-KLEEN CORP

777 BIG TIMBER ROAD

ELGIN , IL 60123

US

Emergency Phone: 800-752-7869

Info Phone: 800-669-5840

Cage: 30530

### **Contractor**

SAFETY-KLEEN CORP

COLUMBIA, SC 29201

US

1-803-933-4200

Cage: 30530

### **Ingredients**

C8+ AROMATICS

Fraction By Weight: 12%

XYLENE, DIMETHYLBENZENE, XYLOL

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 1%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM, SKIN

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ETHYL BENZENE

CAS: 100-41-4

RTECS: DA0700000

Fraction By Weight: 0.5%

OSHA PEL435 MG/CUM

ACGIH TLV: 434 MG/CUM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

TOLUENE

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 0.5%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (CHLOROTHENE NU),

CAS: 71-55-6

RTECS: KJ2975000

Fraction By Weight: 0-0.5%

OSHA PEL350 PPM

ACGIH TLV: 1910 MG/CUM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

PERCHLOROETHYLENE (TETRACHLOROETHYLENE) (SUSPECTED ANIMAL

CAS: 127-18-4

RTECS: KX3850000

Fraction By Weight: 0-0.5%

ACGIH TLV: 339 MG/CUM

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

NAPHTHA (PETROLEUM), HEAVEY STRAIGHT RUN NAPHTHA

CAS: 64741-41-9

Fraction By Weight: 85%

## Hazards

LD50 LC50 Mixture:ORAL LD50 (RAT): >5000 MG/KG

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

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

Health Hazards Acute and Chronic:EYES: MAY CAUSE MILD-MODERATE

IRRITATION. SKIN: IRRITATION/DERMATITIS. INHALATION: REPIRATORY

TRACT IRRITATION/ANESTHESIA/OTHER CNS EFFECTS. INGESTION: LOW ORDER

OF ACUTE ORAL TOXICITY. MAY CAUSE THRO AT IRRITATION/MYOCARDIAL INJURY/CNS DEPRESSION. ASPIRATION INTO LUNGS MAY CAUSE MILD-SEVERE PULMONARY INJURY/DEATH.

Explanation of Carcinogenicity:SEE INGREDIENTS

Effects of Overexposure:IRRITATION, STINGING, TEARING, REDNESS, NAUSEA, HEADACHES, DIZZINESS, IMPAIRED COORDINATION, VOMITING, ARRHYTHMIAS, CRACKING, DRYNESS.

Medical Cond Aggravated by Exposure:PRE-EXISTING LUNG, CARDIAC, CNS, SKIN DISORDERS.

## First Aid

First Aid:EYES: FLUSH W/WATER FOR 15 MINS. MOVE TO FRESH AIR. SKIN: WASH TWICE W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR IMMEDIATELY. APLY OXYGEN/CPR IF NEEDED. DON'T LEAVE VICTIM UNATTENDED. INGESTION: DON'T INDUCE VOMITING. IF SPONTANEOUS VOMITING OCCURS, KEEP HEAD BELOW HIPS TO AVOID ASPIRATION INTO LUNGS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

## Fire Fighting

Flash Point Method:SCC

Flash Point:105F

Lower Limits:0.7

Upper Limits:6

Extinguishing Media:CO2, FOAM, DRY CHEMICAL, WATER SPRAY

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & STRUCTURAL FIREFIGHTERS' PROTECTIVE CLOTHING. KEEP STORAGE CONTAINERS COOL W/WATER SPRAY.

Unusual Fire/Explosion Hazard:VAPOR EXPLOSION HAZARD MAY OCCUR INDOORS/OUTDOORS/SEWERS. HEATED CONTAINERS MAY RUPTURE/EXPLODE/BE THROWN INTO THE AIR. AUTOIGNITION TEMP: 473F. (SEE SUPP)

## Accidental Release

Spill Release Procedures:REMOVE IGNITION SOURCES/STOP LEAK IF NO RISK/VENTILATE AREA/AVOID BREATHING VAPOR/MIST. WATER SPRAY MAY REDUCE VAPOR. LARGE: WEAR SCBA/FULL PROTECTIVE EQUIPMENT/ISOLATE AREA/DENY ENTRY/DIKE FAR AHEAD FOR LATER DISPOSAL. CONTAIN AWAY FROM WATER/SEWER.

## Handling

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS, FLAME. METAL CONTAINERS/TANK CARS/TRUCKS SHOULD BE GROUNDED/BONDED WHEN MATERIAL IS TRANSFERRED.

Other Precautions:AVOID CONTACT W/EYES/SKIN/CLOTHING/SHOES. USE IN WELL VENTILATED AREA. AVOID BREATHING VAPOR/MIST. DON'T WEAR CONTACT LENSES.

## Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR WHEN CONCENTRATION OF VAPOR/MIST EXCEEDS APPLICABLE EXPOSURE LIMIT.

Ventilation:PROCESS ENCLOSURE/LOCAL TO MAINTAIN CONCENTRATION OF VAPOR/MIST Protective Gloves:NITRILE, VITON

Eye Protection:CHEMICAL GOGGLES/FACESHIELD

Other Protective Equipment:SOLVENT RESISTANT BOOTS, APRON, PROTECTIVE CLOTHING.

Work Hygienic Practices:WASH W/SOAP & WATER AFTER HANDLING. REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

FIRE CONT'D: VAPORS ARE >AIR/TRAVEL GREAT DISTANCES/IGNITE/FLASH BACK. MATERIAL MAY BE SENSITIVE TO STATIC DISCHARGE/MAY RESULT IN

FIRE/EXPLOSION. NOTE TO PHYSICIAN: TREAT

SYMPTOMATICALLY/SUPPORTIVELY . ADMINISTRATION OF GASTRIC LAVAGE, IF WARRANTED, SHOULD BE PERFORMED BY QUALIFIED MEDICAL PERSONNEL.

## Chemical Properties

Boiling Pt:B.P. Text:304-435F

Vapor Pres:2

Vapor Density:4.9

Spec Gravity:0.77-0.8  
pH:7  
Evaporation Rate & Reference:(BU AC = 1): 0.1  
Solubility in Water:SLIGHT  
Appearance and Odor:LIQUID, CLEAR, GREEN W/CHARACTERISTIC HYDROCARBON  
ODOR

## Stability

Stability Indicator/Materials to Avoid:YES  
ACIDS, OXIDIZING AGENTS, CHLORINE  
Stability Condition to Avoid:HEAT, SPARKS, FLAME, STATIC DISCHARGE.  
Hazardous Decomposition Products:CO

## Disposal

Waste Disposal Methods:DISPOSE OF IAW/FEDERAL/ STATE & LOCAL  
REGULATIONS. DOT #P5800-5. UN#1256. KEEP CONTAINER TIGHTLY CLOSED  
WHEN NOT IN USE/DURING TRANSPORT. DON'T  
PRESSURIZE/CUT/HEAT/GRIND/EXPOSE TO FLAMES/IGNITION SOUR CES. EMPTY  
CONTAINERS MAY CONTAIN PRODUCT RESIDUE.

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