

51666 GENERAL PURPOSE CLEANER

MSDS Number

CJCNF

National Stock Number

7930-00F057019

Product Name

51666 GENERAL PURPOSE CLEANER

Manufacturer

SAFETY KLEEN CORP

Product Identification

Product ID:51666 GENERAL PURPOSE CLEANER

MSDS Date:12/16/1997

FSC:7930

NIIN:00F057019

Status Code:A

MSDS Number: CJCNF

Responsible Party

SAFETY-KLEEN CORP

1000 N RANDALL RD

ELGIN , IL 60123-7857

US

Emergency Phone: 800-752-7869(US)/312-942-5969(CAN)

Info Phone: 800-669-5840/312-694-2700

Cage: 30530

Contractor

SAFETY-KLEEN CORP

COLUMBIA, SC 29201

US

1-803-933-4200

Cage: 30530

Ingredients

DIETHYLENE ETHER (DIOXANE), (DIETHYLENE DIOXIDE),

CAS: 123-91-1

RTECS: JG8225000

OSHA PEL360 MG/CUM

ACGIH TLV: 90 MG/CUM (SKIN)

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

ETHYLENE OXIDE (SUSP HUMAN CARCINOGEN BY ACGIH, IARC, SUSP

CAS: 75-21-8

RTECS: KX2450000

ACGIH TLV: 1.8 MG/CUM (A2)

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

FORMALDEHYDE, FORMALIN (SUSPECTED HUMAN CARCINOGEN BY IARC;

CAS: 50-00-0

RTECS: LP8925000

ACGIH TLV: 0.37 MG/CUM IC (2A)

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

LEAD (ANIMAL CARCINOGEN BY ACGIH, IARC - GROUP 2B) *98-3*

CAS: 7439-92-1

RTECS: OF7525000

OSHA PEL0.2 MG/M3 TWA 8HR

ACGIH TLV: 0.15 MG/CUM

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

EPOXYPROPANE, PROPYLENE OXIDE

CAS: 75-56-9

RTECS: TZ2975000

OSHA PEL240 MG/CUM

ACGIH TLV: 48 MG/CUM (A2)

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

SODIUM METASILICATE; SODIUM SILICATE; WATER GLASS; DISODIUM

CAS: 6834-92-0

RTECS: VV9275000

Fraction By Weight: 25-75%

SODIUM CARBONATE (SODA ASH, TRONA, CARBONIC ACID, CRYSTOL

CAS: 497-19-8

RTECS: VZ4050000

Fraction By Weight: 20-40%

SODIUM GLUCONATE

CAS: 527-07-1

RTECS: LZ5235000

Fraction By Weight: 0-5%

ALCOHOLS, C12-C15, ETHOXYLATED PROPOXYLATED *96-3*

CAS: 68551-13-3

Fraction By Weight: 0-5%

POLY (OXY-1,2-ETHANEDIYL),

CAS: 127087-87-0

Fraction By Weight: 0-5%

0-6 %/WT PHOTOCHEMICALLY

RTECS: 9999999VO

Fraction By Weight: 0-5%

SODIUM SALT OF POLYCARBOXYLIC ACID

Fraction By Weight: 0-5%

ACETALDEHYDE (SUSPECT HUMAN CARCINOGEN)

CAS: 75-07-0

RTECS: AB1925000

OSHA PEL360 MG/CUM

ACGIH TLV: 180 MG/CUM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ARSENIC, ARSENICALS (HUMAN & ANIMAL CARCINOGEN BY IARC)

CAS: 7440-38-2

RTECS: CG0525000

OSHA PEL0.5 MG/CUM

ACGIH TLV: 0.2 MG/CUM

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

CHROMIUM, CHROMIUM METAL, CHROME (CARCINOGEN BY NTP; IARC

CAS: 7440-47-3

RTECS: GB4200000

ACGIH TLV: 0.5 MG/CUM

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

Hazards

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

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

Health Hazards Acute and Chronic:INHALATION: IRRITATION/BURNS TO THE NOSE, THROAT, LUNGS, EYES & RESPIRATORY TRACT. DAMAGE TO MUCOUS MEMBRANES. EYES: IRRITATION, BLURRED VISION, BURNS, EYE DAMAGE.

SKIN: IRRITATION, BURNS. INGESTION: HARMFUL. MAY CAUSE GI TRACT BURNS. BREATHING PRODUCT INTO LUNGS BY INGESTION/VOMITING MAY CAUSE

LUNG INJURY. (SEE SUPP)

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, SORE THROAT, COUGHING, SHORTNESS OF BREATH, BURNS, REDNESS, PAIN, BLURRED VISION, BLISTERING, VOMITING, STOMACH PAIN, HOLES IN THE MOUTH, SORES, DRYING/CRACKING OF SKIN, ITCHING, SWELLING

Medical Cond Aggravated by Exposure:INDIVIDUALS W/PRE-EXISTING KIDNEY, LUNG/SKIN DISORDERS.

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEEDED. SOMEONE SHOULD STAY W/VICTIM. EYES: IMMEDIATELY FLUSH W/PLENTY OF WATER FOR 15 MINS. SKIN: WASH THOROUGHLY W/SOAP & WATER. INGESTION: DON'T INDUCE VOMITING. IF SPONTANEOUS VOMITING OCCURS, KEEP HEAD BELOW HIPS, AVOID BREATHING INTO LUNGS. OBTAIN MEDICAL ATTENTION IN ALL CASES. FOR INGESTION, CONSIDER ESOPHAGOSCOPY. AVOID GASTRIC LAVAGE.

Fire Fighting

Extinguishing Media:CO2, ALCOHOL-RESISTANT FOAM, DRY CHEMICAL/WATER SPRAY

Fire Fighting Procedures:KEEP STORAGE CONTAINERS COOL W/WATER SPRAY. USE POSITIVE-PRESSURE, SELF CONTAINED BREATHING APPARATUS & STRUCTURAL FIREFIGHTERS PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:EMPTY CONTAINERS MAY RETAIN RESIDUE & CAN BE DANGEROUS.

Accidental Release

Spill Release Procedures:SLIPPERY WHEN WET. WEAR APPROPRIATE PROTECTIVE CLOTHING. STOP LEAK SAFELY W/O RISK. WEAR PROTECTIVE EQUIPMENT. SHOVEL INTO SEALABLE CONTAINER FOR DISPOSAL. LARGE: ISOLATE HAZARD AREA. KEEP UNNECESSARY /UNPROTECTED PERSONNEL FROM ENTERING.

Handling

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE & DURING TRANSPORT. EMPTY PROUCT CONTAINERS MAY RETAIN PRODUCT RESIDUE & CAN BE DANGEROUS.

Other Precautions:WHEN DISSOLVING ADD WATER CAUTIOUSLY W/STIRRING. SLIPPER WHEN WET. DON'T BREATHE PARTICULATES. USE IN A WELL VENTILATED AREA. AVOID CONTACT W/EYES, SKIN, CLOTHING/SHOES.

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA-APPROVED RESPIRATORY PROTECTIVE EQUIPMENT WHEN CONCENTRATION EXCEEDS APPLICABLE EXPOSURE LIMITS. LARGE SPILLS: USE A SCBA & FULL PROTECTIVE EQUIPMENT.

Ventilation:GENERAL VENTILATION TO MAINTAIN CONCENTRATION BELOW APPLICABLE EXPOSURE LIMITS. LOCAL EXHAUST-CONTROL AIRBORNE LEVELS.

Protective Gloves:NATURAL/BUTYL RUBBER, NEOPRENE, NITRILE

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:CHEMICAL RESISTANT FACESHIELD, BOOTS, APRON, PROTECTIVE CLOTHING, CLEAN WATER FOR FLUSHING EYES & SKIN.

Work Hygienic Practices:USE GOOD PERSONAL HYGIENE. REMOVE/LAUNDER CONTAMINATED CLOTHING/SHOES/PROTECTIVE EQUIPMENT BEFORE REUSE.

Supplemental Safety and Health

PH: 12.5 IN A 1% SOLUTION IN WATER. HEALTH HAZ CONT'D: PROLONGED/REPEATED OVEREXPOSURE MAY CAUSE HOLES IN THE NOSE, MOUTH, EYE CONTACT MAY RESULT IN CONJUNCTIVITIS. CONTACT LENS USE IS NOT RECOMMENDED .

Chemical Properties

pH:(SUPP)

Solubility in Water:COMPLETE

Appearance and Odor:GRANULAR FREE-FLOWING WHITE POWDER W/PINE/CITRUS ODOR

Stability

Stability Indicator/Materials to Avoid:YES

ACIDS, OXIDIZING AGENTS, REDUCING AGENTS, METALS; ALUMIUM, ZINC,
REACTIVE HALOGENS; FLUORINE
Hazardous Decomposition Products:UPON HEATING: HYDROGEN GAS, SODIUM
OXIDES, CO

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE &
FEDERAL REGULATIONS. USEPA WASTE: D002. DOT UN1759 CORROSIVE
SOLIDS.

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