

Material Safety Data Sheet

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SECTION I - Material Identity

Item Name..... KINGSFORD ODORLESS CHARCOAL LIGHTER FLUID
Part Number/Trade Name..... LIGHTER FLUID FOR CHARCOAL BRIQUETS
National Stock Number..... 9110PFLUID
CAGE Code..... 93098
Part Number Indicator..... A
MSDS Number..... 179448
HAZ Code..... B

SECTION II - Manufacturer's Information

Manufacturer Name..... THE CLOROX COMPANY, INC.
Street..... 7200 JOHNSON DRIVE
City..... PLEASANTON
State..... CA
Country..... US
Zip Code..... 94588
Emergency Phone..... 1-800-424-9300
Information Phone..... 510-847-6100

MSDS Preparer's Information

Date MSDS Prepared/Revised..... 4-30-96
Active Indicator..... N

Alternate Vendors

SECTION III - Physical/Chemical Characteristics

Appearance/Odor..... CLEAR COLORLESS LIQUID
Boiling Point..... 315-350 F
Melting Point..... N/A
Vapor Pressure..... 2MMHG@60F
Vapor Density..... 4.7
Specific Gravity..... 0.77
Solubility in Water..... INSOLUBLE
Percent Volatiles by Volume..... 100
Container Pressure Code..... 4
Temperature Code..... 8
Product State Code..... U

SECTION IV - Fire and Explosion Hazard Data

Flash Point Method..... TCC
 Lower Explosion Limit..... N/R
 Extinguishing Media..... CO2, DRY CHEMICAL, FOAM
 Special Fire Fighting Procedures..... WATER FOG OR SPRAY MAY BE USED TO COOL
 FIRE EXPOSED CONTAINERS.
 Unusual Fire/Explosion Hazards..... N/R

SECTION V - Reactivity Data

Stability..... YES
 Stability Conditions to Avoid..... NONE KNOWN
 Materials to Avoid..... AVOID CONTACT WITH STRONG OXIDANTS SUCH AS
 LIQUID CHLORINE, CONCENTRATED OXYGEN, AND
 SODIUM OR CALCIUM HYPOCHLORITE.
 Hazardous Decomposition Products..... CO SMOKE
 Hazardous Polymerization..... NO
 Polymerization Conditions to Avoid..... N/R
 LD50 - LD50 Mixture..... N/R

SECTION VI - Health Hazard Data

Route of Entry: Skin..... YES
 Route of Entry: Ingestion..... YES
 Route of Entry: Inhalation..... YES
 Health Hazards - Acute and Chronic..... VAPORS MAY CAUSE IRRITATION TO NOSE,
 THROAT, AND RESPIRATORY TRACT. REPEATED OR
 PROLONGED EXPOSURE TO CONCENTRATIONS ABOVE
 THE WORKERS EXPOSURE LIMITS MAY CAUSE
 CENTRAL NERVOUS SYSTEM DEPRESSION.
 Carcinogenity: NTP..... N/R
 Explanation of Carcinogenity..... NONE
 Symptoms of Overexposure..... MAY CAUSE HEADACHE, DIZZINESS, NAUSEA,
 UNCONSCIOUSNESS. HARMFUL OR FATAL IF
 SWALLOWED.
 Medical Cond. Aggrevated by Exposure.... SMALL AMOUNTS OF LIQUIDS ASPIRATED INTO
 LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH
 CAN BE FATAL.
 Emergency/First Aid Procedures..... EYES: FLUSH IMMEDIATELY WITH WATER. REMOVE
 CONTACT LENSES, CONTINUE FLUSHING FOR 15
 MIN. INHALATION: REMOVE TO FRESH AIR.
 INGESTION: DO NOT INDUCE VOMITING, CALL
 PHYSICIAN IMMEDIATELY. SKIN CONTACT: WASH
 WITH SOAP AND WATER.

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled..... SOAK UP WITH ABSORBANT MATERIAL. CONTAIN
 LARGE SPILLS ELIMINATE SOURCES OF
 IGNITION.
 Waste Disposal Method..... DISPOSE OF IN ACCORDANCE TO ALL STATE ,

LOCAL, AND FEDERAL LAWS
 Handling and Storage Precautions..... STORE AWAY FROM HEAT OR FLAMES.
 Other Precautions..... DO NOT USE ON BURNING OR GLOWING COALS,
 USE OUTDOORS ONLY.

SECTION VIII - Control Measures

Respiratory Protection..... USE IN WELL VENTILATED AREA ONLY.
 Ventilation..... LOCAL OR GENERAL
 Protective Gloves..... N/R
 Eye Protection..... SAFETY GLASSES
 Work Hygenic Practices..... WASH WITH SOAP AQND WATER AFTER HANDELING
 ANY CHEMICAL
 Supplemental Health/Safety Data..... NONE
 Disposal Code..... I

SECTION IX - Label Data

Protect Eye..... YES
 Protect Skin..... YES
 Protect Respiratory..... NO
 Chronic Indicator..... NO
 Contact Code..... SLIGHT
 Fire Code..... UNKNOWN
 Health Code..... UNKNOWN
 React Code..... UNKNOWN
 Specific Hazard and Precaution..... DO NOT USE ON GLOWING CHARCOAL

SECTION X - Transportation Data

Container Quantity..... 1
 Unit of Measure..... QT

SECTION XI - Site Specific/Reporting Information

Volatile Organic Compounds (P/G)..... 6.4253
 Volatile Organic Compounds (G/L)..... 770

SECTION XII - Ingredients/Identity Information

Ingredient #..... 01
 Ingredient Name..... ALIPHATIC PETROLEUM SOLVENT
 CAS Number..... 64742488
 Proprietary..... NO
 Percent..... 100
 OSHA PEL..... 100 PPM
 ACGIH TLV..... 50 PPM

NOTICE: For additional information, contact BIOENVIRONMENTAL/7-4551

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