CLOROX -- KINGSFORD ODORLESS CHARCOAL LIGHTER
MATERIAL SAFETY DATA SHEET
FSC: 9110
NIIN: 00N017391
Manufacturer's CAGE: 93098
Part No. Indicator: A
Part Number/Trade Name: KINGSFORD ODORLESS CHARCOAL LIGHTER

General Information

Company's Name: CLOROX COMPANY
Company's Street: 7200 JOHNSON DR
Company's City: PLEASANTON
Company's State: CA
Company's Country: US
Company's Zip Code: 94566
Company's Emerg Ph #: 415-847-6100
Company's Info Ph #: 415-847-6100
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SMJ
Date MSDS Prepared: 01AUG89
Safety Data Review Date: 18MAY95
MSDS Serial Number: BKQSK
Hazard Characteristic Code: F4

Ingredients/Identity Information

Proprietary: NO
Ingredient: HYDROTREATED HEAVY NAPHTHA (ISOPARAFFINIC HYDROCARBONS)
Ingredient Sequence Number: 01
Percent: 100
NIOSH (RTECS) Number: 1002859HN
CAS Number: 64742-48-9
OSHA PEL: 50 PPM (MFR)
ACGIH TLV: 300 PPM (MFR)

Physical/Chemical Characteristics

Appearance And Odor: NONE SPECIFIED BY MANUFACTURER.
Boiling Point: 345F, 174C
Vapor Density (Air=1): >5
Specific Gravity: 0.76
Fire and Explosion Hazard Data

Flash Point: 120°F, 49°C
Lower Explosive Limit: 0.7%
Upper Explosive Limit: 7%
Extinguishing Media: USE FOAM, WATER SPRAY (FOG), DRY CHEMICAL, CO*2 OR VAPORIZING LIQ TYPE EXTING AGENTS TO FIGHT FIRES. TYPE OF (SUPP DATA)
Special Fire Fighting Proc: WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N).
Unusual Fire And Expl Hazards: COMBUSTIBLE. SERIOUS FIRE AND EXPLOSION HAZARD. AVOID ALL OPEN FLAMES AND ELIMINATE ALL IGNITION SOURCES.

Reactivity Data

Stability: YES
Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.
Materials To Avoid: STRONG OXIDANTS SUCH AS LIQUID CHLORINE, CONCENTRATED OXYGEN AND SODIUM OR CALCIUM HYPOCHLORITE.
Hazardous Decomp Products: NONE SPECIFIED BY MANUFACTURER.
Conditions To Avoid (Poly): NONE SPECIFIED BY MANUFACTURER.

Health Hazard Data

LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: EYE, SKIN & RESPIRATORY TRACT IRRITANT.
RPTD/PRTLNGD EXPOSURE TO CONCS ABOVE WORKER EXPOSURE LIMIT MAY CAUSE DIZZINESS, HEADACHE, UNCONSCIOUSNESS & CONVULSIONS. LOW ORDER OF ACUTE ORAL TOXICITY BUT SMALL AMTS ASPIRATED INTO LUNGS DURING INGESTION MAY CAUSE SEVERE PULMONARY INJURY OR DEATH. ANIMAL (SEE EFTS OF OVEREXP)
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NOT RELEVANT
Signs/Symptoms Of Overexp: HLTH HAZ:STUDIES HAVE SHOWN THAT LIGHT HYDROCARBONS SIMILAR TO THIS PRODUCT HAVE CAUSED ADVERSE KIDNEY EFFECTS TO MALE RATS AFTER PRNLGD/RPTD INHALATION EXPOSURE. REPORTS HAVE ASSOCIATED RPTD/PRNLGD OCCUPATIONAL EXPOSURE TO SOLVENTS W/PERMANENT BRAIN & NERVOUS

SYSTEM DAMAGE.
Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.
Emergency/First Aid Proc: INGEST: DO NOT INDUCE VOMITING. CALL MD
IMMEDIATELY. INHAL: REMOVE FROM EXPOS. IF BREATHING PROBLEMS DEVELOP,
CALL
MD IMMEDIATELY. EYE: FLUSH W/WATER FOR AT LEAST 15 MINUTES. IF PAIN OR
IRRITATION PERSISTS, SEE MD. SKIN: REMOVE CONTAMINATED CLOTHING & WASH W/
SOAP & WATER.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: AVOID ALL OPEN FLAMES & ELIMINATE ALL
IGNITION SOURCES. MINIMIZE BREATHING VAPORS & CONTACT W/SKIN. OPEN ALL
WINDOWS & DOORS. KEEP PRODUCT OUT OF SEWERS. ABSORB SPILL W/INERT
MATERIAL.
SCOOP UP & DISPOSE OF I/A/W FEDERAL, STATE & LOCAL REGULATIONS.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: DISPOSE OF I/A/W FEDERAL, STATE & LOCAL REGULATIONS
(FP N).
Precautions-Handling/Storing: KEEP CONTAINER CLOSED WHEN NOT IN USE. DO
NOT STORE NEAR HEAT, SPARKS, FLAME OR STRONG OXIDANTS.
Other Precautions: DO NOT SMOKE WHILE USING THIS PRODUCT. AVOID SKIN AND
EYE CONTACT AND INHALATION OF VAPORS.

Control Measures

Respiratory Protection: WEAR NIOSH/MSHA APPROVED VAPOR RESPIRATOR.
Ventilation: USE GENERAL VENTILATION TO MINIMIZE EXPOSURE TO VAPORS.
Protective Gloves: IMPERVIOUS GLOVES (FP N).
Eye Protection: CHEMICAL WORKERS GOGGLES (FP N).
Other Protective Equipment: EYEWASH AND DELUGE SHOWER (FP N).
Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.
Suppl. Safety & Health Data: EXTING MEDIA: EXTINGUISHING AGENT IS DEPENDENT
UPON SIZE OF FIRE & CIRCUMSTANCES RELATED TO SITUATION.

Transportation Data

Trans Data Review Date: 91274
DOT PSN Code: GJL
DOT Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.
DOT Class: 3
DOT ID Number: UN1993
DOT Pack Group: III
DOT Label: FLAMMABLE LIQUID
IMO PSN Code: HIA

IMO Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. *
IMO Regulations Page Number: 3345
IMO UN Number: 1993
IMO UN Class: 3.3
IATA PSN Code: MCA
IATA UN ID Number: 1993
IATA Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. **
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
AFI PSN Code: MCA
AFI Prop. Shipping Name: FLAMMABLE LIQUIDS, N.O.S. *
AFI Class: 3
AFI ID Number: UN1993
AFI Pack Group: III
AFI Label: FLAMMABLE LIQUID
AFI Basic Pac Ref: 7-7

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Disposal Data

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Label Data

Label Required: YES
Technical Review Date: 20AUG91
Label Status: G
Chronic Hazard: YES
Signal Word: WARNING!
Acute Health Hazard-Moderate: X
Contact Hazard-Moderate: X
Fire Hazard-Moderate: X
Reactivity Hazard-None: X
Special Hazard Precautions: ACUTE:CAUSES EYE, SKIN, AND RESPIRATORY TRACT IRRITATION. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. WASH THOROUGHLY AFTER HANDLING. AVOID BREATHING VAPOR OR MIST. USE WITH ADEQUATE VENTILATION. FLAMMABLE LIQUID. KEEP AWAY FROM HEAT, SPARKS, AND FLAME. KEEP CONTAINER CLOSED. CHRONIC: MAY CAUSE ADVERSE KIDNEY EFFECTS BASED ON ANIMAL STUDIES. REPORTS HAVE ASSOCIATED REPEATED/PROLONGED OCCUPATIONAL EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. TARGET ORGANS: BRAIN, CNS, AND KIDNEYS.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: CLOROX COMPANY
Label Street: 7200 JOHNSON DR

Label City: PLEASANTON
Label State: CA
Label Zip Code: 94566
Label Country: US
Label Emergency Number: 415-847-6100

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