

MARTIN ELECTRONICS INC -- MK 131 MARINE SMOKE SIGNAL, 6263351 -- 1370-01-252-0318

===== Product Identification =====

Product ID:MK 131 MARINE SMOKE SIGNAL, 6263351

MSDS Date:10/31/1994

FSC:1370

NIIN:01-252-0318

MSDS Number: BWRFJ

=== Responsible Party ===

Company Name:MARTIN ELECTRONICS INC

Address:ROUTE 1 BOX 700

City:PERRY

State:FL

ZIP:32347

Country:US

Info Phone Num:904-584-2634

Emergency Phone

Num:904-584-2634

CAGE:4A902

=== Contractor Identification ===

Company Name:MARTIN ELECTRONICS INC

Address:ROUTE 1 BOX 700

Box:City:PERRY

State:FL

ZIP:32347

Country:US

Phone:904-584-2634

CAGE:4A902

===== Composition/Information on Ingredients =====

Ingred Name:STEARIC ACID; (STERIC ACID)

CAS:57-11-4

RTECS #:WI2800000

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:HEXANE; (N-HEXANE) (CERCLA)

CAS:110-54-3

RTECS #:MN9275000

OSHA PEL:500 PPM

ACGIH TLV:50 PPM

EPA Rpt Qty:1 LB

DOT Rpt Q

ty:1 LB

Ingred Name:ACETONE (SARA 313) (CERCLA)

CAS:67-64-1

RTECS #:AL3150000

OSHA PEL:1000 PPM

ACGIH TLV:750 PPM;1000 STEL

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:SILICON; (SILICONE)

CAS:7440-21-3

RTECS #:VW0400000

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST

Ingred Name:POTASSIUM NITRATE

CAS:7757-79-1

RTECS #:TT3700000

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:ETHYLENE 1,1-DIFLUORO-, (VINYLIDENE FLUORIDE); (VINYLIDENE FLUORIDE)

CAS:75-38-7

RTECS #:KW0560000

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:PROPENE, HEXAFLUORO-; (HEXAFLUOROPROPYLENE)

CAS:116-15-4

RTECS #:UD0350000

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:CHLORIC ACID, POTASSIUM SALT; (POTASSIUM CHLORATE) (MFR'S CAS NO:3811-97-6)

CAS:3811-04-9

RTECS #:FO0350000

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:DISPERSE RED 9 DYE

CAS:82-38-2

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:C.I. ACID YELLOW 3; (SOLVENT YELLOW 33 DYE)

CAS:8004-92-0

RTECS #:GC5796000

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:SUPP DAT

A:INCIDENT IS A BREATHING HAZARD.  
RTECS #:9999999ZZ

===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE:INHAL/SKIN/EYE:MINOR IRRITATION.  
INGEST:NOT A VIABLE ROUTE. CHRONIC:INHAL/SKIN:MINOR IRRITATION.  
INGEST:NOT A VIABLE ROUTE. CARCINOGENITY:POSSIBLE WHEN EXPOSED TO  
DECO  
MPOSITION PRODUCTS AT HIGH CONCENTRATIONS.  
Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:SEE HEALTH HAZARDS.  
Medical Cond Aggravated by Exposure:NONE KNOWN OR REPORTED.

===== First Aid Measures =====

First Aid:INGEST:CALL MD IMMEDIATELY . EYES:IMMEDIATELY FLUSH W/LARGE  
AMOUNTS OF WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING  
UPPER & LOWER EYELIDS. IF IRRITATION DEVELOPS, CALL MD. SKIN:FOR  
BURNS USE STANDARD FIRST A  
ID METHODS. INHAL:REMOVE TO FRESH AIR.  
CONSULT MD IF IRRITATION OCCURS.

===== Fire Fighting Measures =====

Extinguishing Media:WATER SPRAY. APPLY BY MECH MEANS ONLY. FIGHT ALL  
FIRES FROM REMOTE & EXPLO RESISTANT SITE. EVACUATE ALL NON-ESSNTL  
PERS.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE  
EQUIPMENT . USE WATER TO COOL CONTAINERS EXPOSED TO FIRE.  
Unusual Fire/Explosion Hazard:EXPLOSIVE.

===== Accident  
al Release Measures =====

Spill Release Procedures:CONSULT FED, STATE & LOC REGS FOR ANY  
REPORTING/NOTIFICATION REQUIREMENTS. THIS PROD MAY REPRESENT EXPLO  
HAZ. REMOVE ALL SOURCES OF IGNIT. STOP SOURCE OF SPILL AS SOON AS  
POSS & NOTIFY APPROP PERS. MA TL SPILL SHOULD ONLY BE ADDRESSED BY  
PERS (SUPDAT)  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A C

COOL, DRY PLACE AWAY FROM  
ALL SOURCES OF IGNITION. DO NOT STORE AT TEMPERATURES >65.5C(150F).  
DO NOT SUBJECT TO MECHANICAL SHOCK.  
Other Precautions:SHELF LIFE LIMITATIONS: INDEFINITE AT 50-90F & 35%  
RELATIVE HUMIDITY. PACKAGE ONLY IN DOT APPROVED CONTAINERS. AVOID  
SKIN CONTACT W/MATERIALS & DECOMPOSITION PRODUCTS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR  
EXPOSURE OF CONCERN . RES  
PIRATORY PROTECTION NOT NORMALLY NEEDED.  
AVOID PROLONGED BREATHING OF DECOMPOSITION PRODUCTS.  
Ventilation:USE ONLY IN OPEN AREAS W/ADEQUATE VENTILATION.  
Protective Gloves:IMPERVIOUS GLOVES .  
Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .  
Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET  
ANSI DESIGN CRITERIA .  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
SPILL PROC:EXPER IN HNDLG ENERGETIC MATLS. USE NON-SPARKING TOOLS &

AVOID SUBJECTING MATLS TO MECH SHOCK. IF ADDNL MATL MANAGEMENT INFO  
IS REQD, PLEASE CONT MEI AT (904) 584-2634. NO EXTRA PROT REQD B  
EYOND THAT LISTED. IN CASE OF FIRE, USENORMAL FIRE-FIGHTING EQUIP.  
USE NIOSH/MSHA APPRVD SCBA IF SMOKE FROM (ING 11)

===== Physical/Chemical Properties =====

Decomp Temp:Decomp Text:>180F,>82C  
Appearance and Odor:6" LONG X 2" DIAMETER MOLDED PLASTIC HOUSING  
W/REMOVABLE PLASTIC CAP; NO ODOR.

===== Stabil  
ity and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
Stability Condition to Avoid:OPEN FLAMES. TEMPERATURES >82C.  
Hazardous Decomposition Products:COMPOUNDS OF FLUOROCARBONS & CARBON  
DIOXIDE.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSAL OF MATERIAL, DECOMPOSITION PRODUCTS &  
EMPTY CONTAINERS I/A/W ALL LOCAL, STATE & FEDERAL REGULATIONS.

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gencies):

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