

WALTER KIDDE TECHNOLOGIES INC -- 805300-2 ACTUATING CARTRIDGE,POWER DEVICE --  
1377-00-824-2916

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

Product ID:805300-2 ACTUATING CARTRIDGE,POWER DEVICE

MSDS Date:07/30/1991

FSC:1377

NIIN:00-824-2916

MSDS Number: BYNZK

=== Responsible Party ===

Company Name:WALTER KIDDE TECHNOLOGIES INC

Address:4200 NW AIRPORT DIRVE

City:WILSON

State:NC

ZIP:27896-9643

Country:US

Info

Phone Num:919-237-7004

Emergency Phone Num:919-237-7004

Preparer's Name:GEORGE C HARRISON

CAGE:MO057

=== Contractor Identification ===

Company Name:KIDDE INC WALTER KIDDE DIV AEROSPACE OPNS

Address:2500 AIRPORT DRIVE

Box:City:WILSON

State:NC

ZIP:27893-9604

Country:US

Phone:252-237-7004

CAGE:61423

Company Name:WALTER KIDDE TECHNOLOGIES INC

Address:4200 NW AIRPORT DIRVE

City:WILSON

State:NC

ZIP:27896-9643

Country:US

Phone:919-237-7004

CAGE:MO057

===== Composition/Information on Ingredien

ts =====

Ingred Name:LEAD AZIDE  
CAS:13424-46-9  
RTECS #:OF8650000  
ACGIH TLV:10 MG/CUM

Ingred Name:ZIRCONIUM POWDER  
OSHA PEL:5 MG/CUM

Ingred Name:POTASSIUM PERCHLORATE  
CAS:7778-74-7  
RTECS #:SC9700000

Ingred Name:CARBON  
CAS:65996-77-2

Ingred Name:FLUOROPOLYMERS

Ingred Name:HEXANITROSTILBENE  
OSHA PEL:10 MG/CUM

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:N  
O

Health Hazards Acute and Chronic:THE PRIMARY HAZARD FROM IMPROPER  
HANDLING/MISUSE IS PHYSICAL WOUNDS RESULTING FROM A DETONATION.  
(SEE SUPPLEMENTAL DATA)

Explanation of Carcinogenicity:NONE

Effects of Overexposure:THE PRIMARY HAZARD FROM IMPROPER  
HANDLING/MISUSE IS PHYSICAL WOUNDS RESULTING FROM A DETONATION.

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

First Aid:OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Extinguishing Media:NONE

Fire Fighting Procedures:DON'T FIGHT FIRES W/EXPLOSIVES INVOLVED.  
IMMEDIATELY EVACUATE PERSONNEL TO A SAFE LOCATION.

Unusual Fire/Explosion Hazard:THESE UNITS CAN BE EXPLOSIVELY DETONATED  
BY FIRE, HEAT, IMPACT, ELECTRIC CURRENT & RADIO FREQUENCY ENERGY.  
AUTO-IGNITION TEMP: 480F.

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

Handling and Storage Precautions:STORE IAW/REQUIREMENTS OF CFR TITLE 27  
REGULATING HANDLING &

STORAGE OF EXPLOSIVE DEVICES, CLASS 1.45.

Other Precautions:UNITS ARE TO BE HANDLED ONLY BY PERSONS TRAINED & QUALIFIED TO HANDLE EXPLOSIVE DEVICES. DON'T ATTEMPT TO OPEN/RMOVE THE INTERNAL EXPLOSIVE COMPONENTS. STATIC GROUNDING IS RECOMMENDED WHEN HANDLING UN SHUNTED UNITS.

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

Respiratory Protection:NOT REQUIRED FOR NORMAL USE.

Protective Gloves:NONE

Eye Protection:SAFETY GLASSES RECOMMENDED

Work Hygienic Practices:

USE GOOD HYGIENE PRACTICES CONSISTENT W/NORMAL INDUSTRIAL PRACTICE.

Supplemental Safety and Health

UPON ACTUATION, NOXIOUS FUMES ARE GENERATED. IN NORMAL USE, THE CARTRIDGE FIRES INTO A FIRE EXTINGUISHING BOTTLE WHICH WILL DILUTE THESE FUMES TO A CONCENTRATION WHICH IS IRRELEVANT.

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

Appearance and Odor:METAL CASE W/VARIOUS TYPES OF ELECTRICAL CONNECTIONS.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:EXCESSIVE HEAT, FIRE, IMPACT, ELECTRICAL & RADIO FREQUENCY ENERGY, OPENING/REMOVING INTERNAL EXPLOSIVE COMPONENTS

Hazardous Decomposition Products:SHRAPNEL, LEAD COMPOUNDS, ZIRCONIUM OXIDES, NITROGEN OXIDES

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

Waste Disposal Methods:UNITS MAY ONLY BE DISPOSED OF BY PEOPLE LICENSED TO DISPOSE OF ORDNANCE DEVICES/MATERIALS. DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the

suitability of this information to their particular situation.