

IRECO INCORPORATED -- DETONATOR,ELECTRICALLY INITIATED -- 1375-00-756-1865

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

Product ID:DETONATOR,ELECTRICALLY INITIATED

MSDS Date:02/19/1988

FSC:1375

NIIN:00-756-1865

MSDS Number: BPZSH

=== Responsible Party ===

Company Name:IRECO INCORPORATED

Address:PORT EWEN PLANT

City:PORT EWEN

State:NY

ZIP:12466

Country:US

Info Phone Num:914-338-2144

Emergency Phone Num:914-3

38-2144,800-424-9300(CHEMTREC)

CAGE:JO851

=== Contractor Identification ===

Company Name:IRECO INC

Address:ELEVENTH FLOOR CROSSROADS TOWER

Box:City:SALT LAKE CITY

State:UT

ZIP:84144-0103

Country:US

Phone:801-364-4800/801-322-9738

CAGE:1D557

Company Name:IRECO INCORPORATED

Address:PORT EWEN PLANT

Box:City:PORT EWEN

State:NY

ZIP:12466

Country:US

Phone:914-338-2144

CAGE:JO851

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

Ingred Name:RDX (CYCLONITE).943 MG SPEC.MIL-R-398.

CA

S:121-82-4
RTECS #:XX9450000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1.5 MG/M3,SKIN
ACGIH TLV:1.5 MG/M3,SKIN

Ingred Name:LEAD AZIDE.270 MG SPEC.MIL-L-3055.OSHA PEL & ACGIH TLV FOR
INORGANIC LEAD FUMES & DUSTS.

CAS:13424-46-9
RTECS #:OF8650000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.05 MG(PB)/M3
ACGIH TLV:0.15 MG(PB)/M3

Ingred Name:IGNITION.118 MG DWG.12624433.
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:
NOT KNOWN
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:NO EXPOSURE TO CHEMICAL HAZARDS
ANTICIPATED WITH NORMAL HANDLING PROCEDURES.ACCIDENTAL DETONATION
OF AN EXPLOSIVE DEVICE CAN CAUSE LACERATIONS,PUNCTURES AND/OR OTHER
TRAUMATIC INJURY.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:NO EXPOSURE TO CHEMICAL HAZARDS ANTICIPATED
WITH NORMAL HANDLING PROCEDURES.
Medical Cond A
aggravated by Exposure:NOT KNOWN

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

First Aid:EYES:FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15
MINUTES . INHALATION:IF DETONATION FUMES ARE INHALED,REMOVE TO
FRESH AIR.IF BREATHING STOPS,GIVE ARTIFICIAL RESPIRATION.

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

Flash Point:NOT KNOWN
Lower Limits:NOT KNOWN
Upper Limits:NOT KNOWN
Extinguishing Media:NONE
Fire Fighting Procedures:FIRE INVOLVING

EXPLOSIVE MATERIALS SHOULD NOT
BE FOUGHT.EVACUATE PERSONNEL TO A SAFE LOCATION.
Unusual Fire/Explosion Hazard:EXPLOSIVE DEVICES WILL EXPLODE IF
SUBJECTED TO EXTREME HEAT OR FIRE.PACKAGED DEVICES EXPLODE ONE AT A
TIME.UNPACKED DEVICES CAN MASS DETONATE.

===== Accidental Release Measures =====

Spill Release Procedures:REPACKAGE DEVICES IN UNIT ISOLATING
TRAYS.ACCOUNT FOR EVERY DEVICE.
Neutralizing Agent:NOT KNOWN

===== Handling and S
torage =====

Handling and Storage Precautions:STORE IN COOL,DRY PLACE,PROTECTED FROM
SOURCES OF ENERGY INCLUDING FIRE,SHOCK,HEAT,FLAME,STATIC
DISCHARGE,ELECTRICAL ENERGY & RADIO FREQUENCY(SEE SUP)
Other Precautions:AVOID BREATHING FUMES FROM DETONATION.ONLY
AUTHORIZED,TRAINED PERS SHOULD HANDLE DEVICES.NEVER ABANDONE
DEVICES.SMOKING NOT PERMITTED WHERE DEVICES HANDLED.DO NOT CARRY
DEVICES ON PERSON.DURING APPROA CH/PROGRESS (SEE SUPP DATA)

===== E
xposure Controls/Personal Protection =====

Respiratory Protection:AVOID BREATHING FUMES FROM DETONATION.
Ventilation:NONE REQUIRED FOR NORMAL HANDLING.
Protective Gloves:NOT KNOWN
Eye Protection:SAFETY GLASSES SUGGESTED.
Other Protective Equipment:COTTON CLOTHING SUGGESTED.ELECTRIC
DETONATING DEVICES AND THEIR COMPONENTS DO NOT PRESENT HEALTH
HAZARDS IN (SEE SUPP)
Work Hygienic Practices:NOT KNOWN
Supplemental Safety and Health
HNDLG/STOR PREC:ENERRGY.DO NOT DISASSEMBLE.OTHER P
REC:OF ELECTRICAL
STORM,LEAVE AREA WHERE DEVICES ARE PRESENT & SEEK A SAFE
PLACE.OTHER PROT EQUIP:NORMAL HANDLING AND USE.

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

HCC:E1
Boiling Pt:B.P. Text:NOT KNOWN
Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN
Decomp Temp:Decomp Text:NOT KNOWN
Vapor Pres:NOT KNOWN
Vapor Density:NOT KNOWN
Spec Gravity:NOT KNOWN
Evaporation Rate & Reference:NOT KNOWN
Solubility in Water:NOT KNOWN
Appearance and Odor:ROUND METAL CUP,242 INCH DI

AMETERX2.29 INCH LONG.

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

Stability Indicator/Materials to Avoid:NO
CORROSIVES

Stability Condition to Avoid:EXCESSIVE HEAT (>160F) FROM SOURCES SUCH
AS FLAME PRODUCING DEVICES,IMPACT,FRICTION & ELECTRICAL IMPULSE.

Hazardous Decomposition Products:AS A RESULT OF DETONATION ONLY:LEAD
OXIDES,NITROGEN OXIDES,CARBON MONOXIDE.

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

Waste Disposal Methods:DISPOSAL
MUST BE IN ACCORDANCE WITH
FEDERAL,STATE,AND LOCAL REGULATIONS.COORDINATE WITH SUPPORTING
INSTALLATION AND/OR MACOM ENVIRONMENTAL OFFICE PRIOR TO DISPOSAL
.CONSULT MFR FOR BEST DISPOSAL METHOD.DISPOSAL GOVERNED BY RCRA,40
CFR 260-271.

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.