

OLIN CORP -- DPE000008 EJECTION CARTRIDGE ARD 446 -- 1377-01-057-0685

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

Product ID:DPE000008 EJECTION CARTRIDGE ARD 446

MSDS Date:08/19/1993

FSC:1377

NIIN:01-057-0685

MSDS Number: BYRJH

=== Responsible Party ===

Company Name:OLIN CORP

Address:120 LONG RIDGE RD

Box:1355

City:STAMFORD

State:CT

ZIP:06904-1355

Country:US

Info Phone Num:203-356-3449

Emergency Phone Num

:203-356-3449

CAGE:8X135

=== Contractor Identification ===

Company Name:OLIN CORP

Address:51 CORPORATE WOODS 9393 W 110 ST

City:OVERLAND PARK

State:KS

ZIP:66210

Country:US

Phone:800-432-6546

CAGE:8X135

Company Name:OLIN CORPORATION

Address:501 MERRITT 7

Box:4500

City:NORWALK

State:CT

ZIP:06856-4500

Country:US

Phone:203-750-3000/800-511-MSDS

CAGE:99530

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

Ingred Name:LEAD STYPHNATE *95-3*

CAS:12403-82-6

Fraction by Wt: 1-5%

In

gred Name:WET NITROCELLULOSE, NITROCELLULOSE, NITRATE CELLULOSE

CAS:9004-70-0

RTECS #:QW0975200

Fraction by Wt: 1-2.5%

Ingred Name:CAMPHOR (CAMPHOR SYNTHETIC)

CAS:76-22-2

RTECS #:EX1225000

Fraction by Wt: 0.1-1%

Other REC Limits:12 PPM

OSHA PEL:2 MG/CUM

ACGIH TLV:12 MG/CUM

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION:

PARTICLES FROM FIRING MAY

BE HARMFUL. INGESTION: IRRITATION TO THE GI TRACT.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:NAUSEA, HEADACHE, DIZZINESS, CONSCIOUSNESS.

NITROGLYCERIN: METHEMOGLOBINEMIA (CYANOSIS).

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

First Aid:EYES: IMMEDIATELY FLUSH W/LARGE AMOUNTS OF WATER FOR 15 MINS.

SKIN: IMMEDIATELY FLUSH W/WATER FOR 15 MINS. WASH W/SOAP & WATER.

INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN/CPR

IF NEEDED. KEEP

PERSON WARM & AT REST. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Fire Fighting Procedures:USE NORMAL FIRE FIGHTING EQUIPMENT.

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

Spill Release Procedures:EVACUATE NON-ESSENTIAL PERSONNEL. REMOVE
SOURCES OF IGNITION. STOP SOURCE AS SOON AS POSSIBLE & NOTIFY
APPROPRIATE PERSONNEL. LAND: DON'T PLACE MATERIALS BACK IN THEIR
ORIGINAL C

CONTAINERS. SHUT OFF IGNITION SOURCES, FLARES,
SMOKING/FLAMES IN AREA.

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

Handling and Storage Precautions:FORBIDDEN ON PASSENGER AIRCRAFT, >75
KG CARGO AIRCRAFT ONLY. REQUIRES CARGO AIRCRAFT LABEL 1.4C.

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

Respiratory Protection:WEAR A NIOSH/MSHA APPROVED RESPIRATOR, IF AIR
CONCENTRATIONS > THE TLV/NIOSH/MSHA APPROVED HEPA FILTER.

Ventilation:NORMAL

P

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES

Other Protective Equipment:IMPERVIOUS BOOTS, APRON, PROTECTIVE SUIT.

Work Hygienic Practices:REMOVE/LAUNDRER CONTAMINATED CLOTHING BEFORE
REUSE.

Supplemental Safety and Health

PRODUCT COMPOSITION: SHELL CASE 58-74%, ELECTRIC PRIMER 4-6%, WAD 2-3%,
SMOKELESS BALL POWDER 2-6%, DOUBLE BASE POWDER 12-23%.

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

Appearance and Odor:HEADED ALUMINUM CYLINDER

=====

== Stability and Reactivity Data ==

Stability Indicator/Materials to Avoid:YES

CLASS A & B EXPLOSIVES, STRONG OXIDIZERS, ACIDS & CAUSTICS.

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

Waste Disposal Methods:DISPOSE OF IAW/FEDERAL, STATE & LOCAL
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 man

ner 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.