

TALLEY DEFENSE SYSTEMS -- 22405 ENGINE STARTER, CARTRIDGE ASSEMBLY --  
1377-01-080-8252

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

Product ID:22405 ENGINE STARTER, CARTRIDGE ASSEMBLY

MSDS Date:09/25/1986

FSC:1377

NIIN:01-080-8252

MSDS Number: BKYRV

=== Responsible Party ===

Company Name:TALLEY DEFENSE SYSTEMS

Box:849

City:MESA

State:AZ

ZIP:85201

Info Phone Num:(602) 898-2200

Emergency Phone Num:(602) 898-2200

Preparer's Name:DONOVAN J JONES

CAGE:12116

=== Contractor Identification ===

Company Name:TALLEY DEFENSE SYSTEMS

Box:City:MESA

State:AZ

ZIP:85201

Phone:(602) 898-2200

CAGE:12116

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

Ingred Name:AMMONIUM NITRATE (SOLUTION) (SARA III)

CAS:6484-52-2

RTECS #:BR9050000

Ingred Name:RUBBER

Ingred Name:PROPELLENT (TAL 200 & 1505)

Fraction by Wt: 65.4%G

Ingred Name:BORON POTASSIUM NITRATE (BKNO3)

Fraction by Wt: 1.8%G

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Hazards Identification  
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Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Explanation of Carcinogenicity:NONE

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Fire Fighting Measures  
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Fire Fighting Procedures:DON'T FIGHT FIRE. EVACUATE AREA UNTIL UNIT  
BURNS OR SELF-EXTINGUISHES.  
Unusual Fire/Explosion Hazard:PRODUCT IS A DOT CLASS C EXPLOSIVE.

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Accidental Release Measures  
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Spill Release Procedures:PICK UP UNDAMAGED PRODUCT & RETURN IT TO THE  
ORIGINAL CONTAINERS OR EQUIVALENT. VERIFY SHORTING CLIP IS IN  
PLACE.

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Handling and Storage  
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Handling and Storage Precautions:HANDLE & STORE AS A CLASS 1.3  
COMPATIBILITY GROUP C EXPLOSIVE. DON'T EXPOSE TO HEAT, OPEN FLAME,  
ELECTRICAL DISCHARGE (SHORTING CLIP IN PLACE).  
Other Precautions:DON'T DROP OR ROUGH HANDLE. AFTER SHORTING CLIP IS  
REMOVED FROM IGN  
ITER, AVOID EXPOSURE TO ELECTROSTATIC OR ELECTRICAL  
ENERGY. AVOID BREATHING PRODUCTS OF COMBUSTION.

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Exposure Controls/Personal Protection  
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Eye Protection:INDUSTRIAL SAFETY GLASSES  
Supplemental Safety and Health  
STARTER CARTRIDGE CONTAINS A SOLID COMPOSITE PROPELLANT (TAL 406S)  
GRAIN (8.03 LBS), 38.9 GRAMS OF TAL-200 BOOSTER PROPELLANT, 26.5  
GRAMS OF TAL 1505 BOOSTER PROPELLANT & A SHUNTED ELECTRIC IGNITER  
W/ 1.8 GRAMS OF BKNO3. TAL 406S: DOT FLAMMAB  
LE SOLID. TAL 200: DOT  
CLASS B EXPLOSIVE & TAL 1505: DOT CLASS B EXPLOSIVE.

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Physical/Chemical Properties  
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Appearance and Odor:CARTRIDGE

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES  
Stability Condition to Avoid:HEAT, OPEN FLAME, OR ELECTRICAL DISCHARGE.

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Disposal Considerations  
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Waste Disposal Methods:IF DAMAGED, QUALIFIED EXPLOSIVE PERSONNEL

SHOULD

DISPOSE OF AT AN APPROVED SITE IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS. DOT CLASS C EXPLOSIVE.

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