

DEFENSE TECHNOLOGY CORP OF AMERICA -- FIRST DEFENSE -- 6850-01-474-0794

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

Product ID:FIRST DEFENSE

MSDS Date:09/15/1998

FSC:6850

NIIN:01-474-0794

MSDS Number: CKSRP

=== Responsible Party ===

Company Name:DEFENSE TECHNOLOGY CORP OF AMERICA

Address:1900 N LOOP RD

Box:240

City:CASPER

State:WY

ZIP:82602-0240

Country:US

Info Phone Num:800-733-3832

Emergency Phone Num:8

00-733-3832

Chemtrec Ind/Phone:(800)424-9300

CAGE:04WZ5

=== Contractor Identification ===

Company Name:DEFENSE TECHNOLOGY CORP OF AMERICA

Address:1900 N LOOP RD

Box:240

City:CASPER

State:WY

ZIP:82602-0240

Country:US

Phone:800-733-3832

CAGE:04WZ5

Company Name:FEDERAL AND COMMERCIAL SALES INC

Address:2313 DISTRIBUTION CIR

Box:City:SILVER SPRING

State:MD

ZIP:20910

Country:US

Phone:301-588-6100

Contract Num:SP0450-00-M-SH73

CAGE:1JXZ3

Company Name:FEDERAL AND COMMERCIAL SALES INC

Address:2313 DISTRI

BUTION CIR
Box:City:SILVER SPRING
State:MD
ZIP:20910
Country:US
Phone:301-588-6100
Contract Num:SP0450-00-M-SK12
CAGE:1JXZ3

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Composition/Information on Ingredients
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Ingred Name:CAPSAICINOIDS (CAS# 404-88-4)
= Wt:.18

Ingred Name:PROPYLENE GLYCOL USP
CAS:57-55-6
RTECS #:TY2000000
= Wt:13.

Ingred Name:SPECIALTY DENATURED ALCOHOL (SDA) 408
CAS:64-17-5
RTECS #:KQ6300000
= Wt:28.
OSHA PEL:1900 MG/M3;1000 PPM
ACGIH TLV:1880 MG/M3;1000 PPM

Ingred Name:DISTILLED H2O
CAS:7
732-18-5
RTECS #:ZC0110000
= Wt:58.

Ingred Name:NITROGEN IS THE EXCLUSIVE PROPELLANT
CAS:7727-37-9
RTECS #:QW9700000

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Hazards Identification
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Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: N/A. CHRONIC: N/A.
Effects of Overexposure:INGREDIENTS CAUSE IRRITATION THROUGH ALL ROUTES
OF ENTRY. REPEATED CONTACT MAY CAUSE DERMATITIS. INGESTION MAY
CAUSE NAUSEA, VOMITING, AND/OR DIARRHEA.
Medical Cond A

aggravated by Exposure: MAY CAUSE MORE SEVERE, TEMPORARY, EFFECTS ON THOSE PERSONS WHO ARE ASTHMATICS OR SUFFER FROM EMPHYSEMA.

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

First Aid: PROVIDE FRESH AIR. IRRIGATE WITH COPIOUS AMOUNTS OF COOL WATER. OBTAIN MEDICAL ADVICE IF SYMPTOMS PERSIST. INHALATION: PROVIDE FRESH AIR. EYES: IRRIGATE WITH COOL WATER AT LEAST 15 MINUTES, OR UNTIL RELIEVED. SKIN: FLUSH WITH COOL WATER. WASH WITH MILD SOAP & WATER. INGESTION: RINSE MOUTH WITH WATER. INGEST MILK, OR WATER. OBTAIN MEDICAL ADVICE IMMEDIATELY.

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

Flash Point: >104.4C, 220.F
SW846-1010
Autoignition Temp: >104.4C, 220.F
Extinguishing Media: WATER, FOAM, DRY CHEMICAL, CO2.
Fire Fighting Procedures: WEAR RESPIRATOR OR SELF CONTAINED BREATHING APPARATUS TO AVOID IRRITATION.
Unusual Fire/Explosion Hazard: NONE

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

Spill Release Procedures: WIPE UP SMALL SPILLS WITH ABSORBENT. WITH LARGE SPILLS, USE RESPIRATORY EQUIPMENT TO AVOID IRRITATION, AND COLLECT WITH AN ABSORBENT.

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

Handling and Storage Precautions: STORE IN A COOL, DRY AREA. AVOID DIRECT LIGHT & HEAT. DO NOT EXPOSE TO TEMPERATURES OVER 120 DEG F.

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

Respiratory Protection: NOT REQUIRED UNDER NORMAL CONDITIONS OF USE.
Ventilation: LOCAL EXHAUST.
Eye Protection: SEE SUPPLEMENTAL DATA.
Other Protective Equipment: NOT REQUIRED.
Work Hygienic Practices: NORMAL.
Supplemental Safety and Health
EYE PROTECTION: TO BE UTILIZED IN A MANUFACTURING ENVIRONMENT IN & AROUND MACHINERY. MINIMAL EXPOSURE WITHOUT PROTECTIVE EYEWEAR IN AN OFFICER TRAINING ENVIRONMENT ARE ACCEPTABLE.

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

HCC: V5
Boiling Pt: >104.4C, 220.F
Spec Gravity: 0.955 (H2O=1)

S

solubility in Water: SOLUBLE

Appearance and Odor: CREAMY, PUNGENT ODOR.

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

Stability Indicator/Materials to Avoid: YES

Conditions to Avoid Polymerization: WILL NOT OCCUR

===== Ecological Information =====

Ecological: THERE ARE NO HCFC'S OR CFC'S.

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

Waste Disposal Methods: CONSULT FEDERAL, STATE, & LOCAL REGULATIONS.

EVACUATE CONT

ENTS IN A SAFE AREA, & DISPOSE OF CONTAINER.

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