

SCOTT AVIATION DIV. OF FIGGIE INTL. INC. -- 802300 SERIES EMERGENCY ESCAPE BREATHING
DEVICE -- 4240-01-217-0046

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

Product ID:802300 SERIES EMERGENCY ESCAPE BREATHING DEVICE

MSDS Date:03/20/1996

FSC:4240

NIIN:01-217-0046

MSDS Number: BYXKR

=== Responsible Party ===

Company Name:SCOTT AVIATION DIV. OF FIGGIE INTL. INC.

Address:225 ERIE ST

City:LANCASTER

State:NY

ZIP

:14086

Country:US

Info Phone Num:716-683-5100/FAX 716-681-1089

Emergency Phone Num:716-683-5100

CAGE:53655

=== Contractor Identification ===

Company Name:SCOTT AVIATION

Address:225 ERIE ST

Box:City:LANCASTER

State:NY

ZIP:14086

Country:US

Phone:716-683-5100

CAGE:53655

Company Name:SCOTT AVIATION DIV OF SCOTT TECH(CAGE REPLACED WITH
53655)

Address:225 ERIE ST

Box:City:LANCASTER

State:NY

ZIP:14086-9502

Country:US

Phone:716-683-5100

CAGE:92114

Company Name:SCOTT AVIATION, A FIGG INTERNATIONAL C

O, MONROE PL
Address:309 W CROWELL ST
Box:City:MONROE
State:NC
ZIP:28110-4668
Country:US
CAGE:15927

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Composition/Information on Ingredients
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Ingred Name:SODIUM CHLORATE
CAS:7775-09-9
RTECS #:FO0525000
Fraction by Wt: 85%
Other REC Limits:NONE SPECIFIED

Ingred Name:POTASSIUM PERCHLORATE
CAS:7778-74-7
RTECS #:SC9700000
Fraction by Wt: 0.5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:NOT ESTABLISHED
ACGIH TLV:5 MG/M3

Ingred Name:BARIUM DIOXIDE (BARIUM PEROXIDE)
CAS:1304-
29-6
RTECS #:CR0175000
Fraction by Wt: 4.0%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.5 MG/M3 (BA)
ACGIH TLV:0.5 MG/M3 (BA); 8990

Ingred Name:IRON OXIDE
CAS:1309-37-1
RTECS #:NO7400000
Fraction by Wt: 3.5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:10 MG/M3 (FE)
ACGIH TLV:5MG(FE)/M3FUME,B2;95

Ingred Name:MAGNESIUM OXIDE
CAS:1309-48-4
RTECS #:OM3850000
Fraction by Wt: 2.0%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3 PARTICULATE
ACGIH TLV:10 MG/M3; FUME; 9495

Ingred Name:MICA - SILICATES

(< 1% CRYSTALLINE SILICA)

CAS:12001-26-2

RTECS #:VV8760000

Fraction by Wt: 2.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:20 MPPCF; Z-3

ACGIH TLV:3 MG/M3 RDUST; 9495

Ingred Name:TITANIUM DIOXIDE

CAS:13463-67-7

RTECS #:XR2275000

Fraction by Wt: 2.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9495

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

LD50 LC50 Mixture:LETHAL DOSE OF SODIUM CHLORATE = 2-30 GM

Routes of Entry: Inhalation:Y

ES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:POTENTIAL HEALTH EFFECTS-EYE:MAY CAUSE

LOCAL IRRITATION. SKIN:SODIUM CHLORATE IS MILDLY IRRITATING, MAY

CAUSE RASH. INGESTION:BOTH BARIUM & SODIUM CHLORATE ARE TOXIC.

INHALATION:DUST FROM THE CHEMICAL CORE MAY CAUSE IRRITATION TO THE
MUCOUS MEMBRANES, THROAT & NOSE.

Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS

CURRENTLY CLASSIFIED AS CARCINOGENI

C BY NTP, IARC OR OSHA.

Effects of Overexposure:EYE:LOCAL IRRITATION. SKIN:MILDL IRRITATION,

RASH. INGESTION:BOTH BARIUM & SODIUM CHLORATE ARE TOXIC.

INHALATION:IRRITATION TO THE MUCOUS MEMBRANES, THROAT & NOSE.

Medical Cond Aggravated by Exposure:MFR GAVE NO INFORMATION OF MSDS.

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

First Aid:IF IRRITATION PERSISTS OR IS SEVERE, GET MEDICAL ATTENTION.

EYE:FLUSH W/WATER FOR 15 MIN. SKIN:WASH W/SOAP & WATER.

INHALE

D:AVOID BREATHING EXCESSIVE DUST. REMOVE FROM EXPOSURE AT ONCE. INGESTED:GET IMMEDIATE MEDICAL ATTENTION.

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

Extinguishing Media:WATER! OXIDIZERES GENERATE THEIR OWN OXYGEN AS THEY BURN & CANNOT BE EXTINGUISHED BY MEANS OTHER THAN WATER.
Fire Fighting Procedures:AVOID BODILY CONTACT. WEAR SELF-CONTAINED BREATHING APPARATUS & PROTECTIVE EQUIPMENT. KEEP MATERIAL FROM EXPOSURE TO HIGH HEAT BY USING WATER TO COOL & DILUTE.
Unusual Fire/Explosion Hazard:DO NOT USE CO2 OR DRY EXTINGUISHERS AS THEY ARE INEFFECTIVE & MAY CREATE A WORSE SITUATION.

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

Spill Release Procedures:IT IS RECOMMENDED TO VACUUM ALL SPILLAGE W/A HIGH EFFICIENCY TYPE VAC
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE AT ROOM TEMPERATURE. AVOID STORING, MIXING, OR CONTAMINATING WITH CHEMICALS, MINERAL ACIDS, ORGANIC METALS, AND COMBUSTIBLE MATERIALS.
Other Precautions:DO NOT STORE IN WET OR MOIST AREAS.

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

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.
Ventilation:NONE SPECIFIED BY MANUFACTURER.
Protective Gloves:IMPERVIOUS GLOVES IF HANDLING CORE/DUST.
Eye Protection:NONE SPECIFIED BY MANUFACTURER.
Other Protective Equipment:WEAR IMPERVIOUS GLOVES IF HANDLING THE CHEMICAL CORE OR DUST FROM THE CHEMICAL CORE. LAUNDER CONTAMINATED CLOTHING.

Work Hygienic Practices:WASH AFTER HANDLING CORE CHEMICALS OR DUST FROM CHEMICAL CORE BEFORE EATING, DRINKING, OR SMOKING.

Supplemental Safety and Health

THIS DEVICE IS A SOLID STATE CHEMICAL GENERATOR AND CLASSIFIED AS AN "ARTICLE" IN 29 CFR 19100.1200(C), AND DOES NOT REQUIRE AN MSDS. HOWEVER, FOR FEDERAL PROCUREMENT, AN MSDS IS REQUIRED PER APPENDIX A FEDERAL STANDARD NO. 313, 10.1.3(D) WH

ICH LISTS OXIDIZERS AS
HAZARDOUS BY DEFINITION IN 49 CFR 173.151.

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

HCC:D1
NRC/State Lic Num:NONE
Spec Gravity:0.92
pH:11.8
Solubility in Water:APPRECIABLE
Appearance and Odor:GREY COMPRESSED GRANULAR FORM W/NO ODOR

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

Stability Indicator/Materials to Avoid:YES
OILS, ORGANIC METALS & ACIDS
Stability Condition to Avoid:AVOID STORING, MIXING OR CONTAMINATING

W/CHEMICALS, MINERAL ACIDS & COMBUSTIBLE MATERIALS.
Hazardous Decomposition Products:CAN INCLUDE CHLORINE & CHLORINE
DIOXIDE
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:GENERATORS MUST BE SPENT PRIOR TO DISPOSAL. DUE
TO THE BARIUM WITHIN THE GENERATOR IT IS CONSIDERED A HAZARDOUS
WASTE EVEN AFTER IT IS SPENT. SPENT GENERATOR MUST BE DISPOSED OF
IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS.

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