

TRUETECH INC -- FLAMELESS RATION HEATER (FRH) (EFFECTIVE PRIOR TO 10FEB92). --
8970-01-321-9153

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

Product ID:FLAMELESS RATION HEATER (FRH) (EFFECTIVE PRIOR TO 10FEB92).

MSDS Date:07/25/1991

FSC:8970

NIIN:01-321-9153

MSDS Number: BKQYD

=== Responsible Party ===

Company Name:TRUETECH INC

Address:680 ELTON AVE

City:RIVERHEAD

State:NY

ZIP:11901-2555

Country:US

Info Ph

one Num:516-727-8600

Emergency Phone Num:516-727-8600

CAGE:06421

=== Contractor Identification ===

Company Name:TRUETECH INC

Address:680 ELTON AVE

Box:City:RIVERHEAD

State:NY

ZIP:11901-2555

Country:US

Phone:516-727-8600

CAGE:06421

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

Ingred Name:MAGNESIUM

CAS:7439-95-4

RTECS #:OM2100000

Fraction by Wt: 27%

Other REC Limits:NONE SPECIFIED

Ingred Name:OTHER NON-HAZARDOUS FILLERS, BINDERS AND ADDITIVES.

RTECS #:9999999ZZ

Fraction

by Wt: 73%

Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:(PER MANUFACTURER) INDIVIDUAL FRH'S
ARE PACKAGED WITH LABELS WARNING THAT "HEATER AND ITS BY-PRODUCTS
ARE NOT INTENDED FOR HUMAN CONSUMPTION."
Effects of Overexposure:NONE PER MANUFACTURER
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:NONE PER MANUFACTURER.

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

Extinguishing Media:IF DETECTED EARLY, LARGE QUANTITIES OF CONVENTIONAL
EXTINGUISHING MEDIA INTENDED FOR CLASS A FIRES MAY BE USED.
Fire Fighting Procedures:IF A CASE OF FRH'S IS IGNITED, PAPERBOARD AND
POLYETHYLENE PACKAGING INITIALLY BURN AS A CLASS A FIRE. IF ALLOWED
TO BURN, WILL SUSTAIN
& BECOME A CLASS D FIRE.
Unusual Fire/Explosion Hazard:IF THE MAGNESIUM POWDER IGNITES, THE
MATERIAL WILL SPARK AND FLARE-UP IF SPRAYED WITH WATER. EVEN IF
FIRE IS EXTINGUISHED BY WATER, BURNED FRH'S PRODUCE H2 GAS

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

Spill Release Procedures:COLLECT SPILLED FRH'S AND INSPECT POLYETHYLENE
BAGS FOR ABILITY TO PREVENT WATER PENETRATION. IF BAG INTEGRITY IS
BREACHED(SUCH AS BY CRACKS, PUNCTURES OR PINHOLES), DRY AND
DISPOSE
OF AS A WASTE. IF BAG INTEGRITY IS NOT BREACHED, DRY AND
REPACKAGE.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:PROTECT AGAINST PHYSICAL DAMAGE OF
CASES, SOURCES OF IGNITION AND WATER IN ANY FORM. INSURE PROPER
VENTILATION IN CASE OF HYDROGEN GAS FORMATION.

Other Precautions:NONE

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

Ventilation:NECESSARY FOR STORAGE AND HAN

DLING.
Supplemental Safety and Health

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

HCC:R2

Melt/Freeze Pt:M.P/F.P Text:1202F,650C

Appearance and Odor:FLAT, GREYISH METAL IMBEDDED PLASTIC PAD, COVERED BY PAPERBOARD AND SEALED.

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MO

NOXIDE,

CARBON, AND ORGANIC VAPORS. POSSIBLY HYDROGEN GAS IS PACKAGING IS PENETRATED.

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

Waste Disposal Methods:REACTED FRH'S MAY BE DISPOSED OF AS ORDINARY WASTE. UNREACTED FRH'S MAY: (A) BE OPENED AND REACTED WITH WATER IN ACCORDANCE WITH INSTRUCTIONS, THEN DISPOSED OF AS ORDINARY WASTE OR (B) INCINERATED IN AN APPROVED WASTE FACILITY.

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