

METALCRAFT INC. -- RECYCLED HALON 1301 CF 3 BR -- 6830-00-708-0031

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Product Identification
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Product ID:RECYCLED HALON 1301 CF 3 BR

MSDS Date:06/01/1989

FSC:6830

NIIN:00-708-0031

MSDS Number: BJQVQ

=== Responsible Party ===

Company Name:METALCRAFT INC.

Address:718 DEBELIUS AVE.

City:BALTIMORE

State:MD

ZIP:21205-3401

Country:US

Info Phone Num:301-485-0880

Emergency Phone Num:800-457-4280

CAGE:LO839

=== Contractor Identification ===

Company Name:METALCRAFT INC

Address:9331 PHILADELPHIA ROAD

Box:City:BALTIMORE

State:MD

ZIP:21237

Country:US

Phone:410-687-5500

CAGE:06535

Company Name:METALCRAFT INC.

Address:718 DEBELIUS AVE.

Box:City:BALTIMORE

State:MD

ZIP:21205-3401

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Phone:301-485-0880

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Composition/Information on Ingredients
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Ingred Name:TRIFLUOROBROMOMETHANE (HALON 1301) (SARA III)

CAS:75-63-8

RTECS #:PA5425000

Fraction by Wt: 1

00%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9192
Ozone Depleting Chemical:1

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:HEALTH HAZARD-ACUTE: CAN CAUSE FREEZE
BURNS. MILDLY TOXIC BY INGESTION. AT CONCENTRATIONS >2%, IT CAN
CAUSE CENTRAL NERVOUS SYSTEM EFFECTS AND CARDIAC MUSCLE
IRREGULARIT
IES. CHRONIC:NONE SPECIFIED BY MANUFACTURER.
Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS
LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.
Effects of Overexposure:FROSTBITE FOR LIQUID CONTACT. IF INHALED,
UNSPECIFIED CENTRAL NERVOUS SYSTEM EFFECTS.
Medical Cond Aggravated by Exposure:ANEMIA, ASTHMA, DERMAL SENSITIVITY,
LOW BLOOD PRESSURE.

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First Aid Measures
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First Aid:EYES:FLUSH WITH PLENTY OF WATER FOR AT LE
AST 15 MINUTES.SEE
DOCTOR. SKIN:WASH WITH SOAP AND PLENTY OF WATER WHILE REMOVING
CONTAMINATED CLOTHING AND SHOES.SEE DOCTOR. INHALATION:REMOVE TO
FRESH AIR.IF NOT BREATHING,GIVE ARTIFICIAL RESPIRATION.IF
BREATHING IS DIFFICULT,GIVE OXYGEN.SEE DOCTOR. INGESTION:INDUCE
VOMIT.GIVE LARGE AMOUNTS OF WATER.SEE DOCTOR.NOTHING BY MOUTH IF
UNCONSCIOUS.

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Fire Fighting Measures
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Extinguishing Media:NON-FLAMMABLE. USE EXTINGUISHING MEDI
A APPROPRIATE
FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED
CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF.
Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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Accidental Release Measures
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Spill Release Procedures:VENTILATE AREA. USE APPROPRIATE PROTECTIVE
CLOTHING AND

EQUIPMENT. ABSORB IN INERT MATERIAL, AND PLACE IN APPROPRIATE DISPOSAL CONTAINER AND SEAL. FLUSH AREA WITH PLENTY OF WATER.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN COOL,WELL VENTILATED AREA.KEEP AWAY FROM HEAT,SPARKS AND OPEN FLAMES.MINIMIZE VAPORIZATION BY SEALING IN A TIGHTLY CLOSED CONTAINER.

Other Precautions:WHEN TRANSFERRING FROM CONTAINERS, GROUND AND BOND BOTH CONTAINERS. AVOID EYE AND SKIN CONTACT.

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

Respiratory Protection:NIOSH/MSHA-APPROVED ORGANIC VAPOR RESPIRATOR APPROPRIATE FOR THE EXPOSURE OF CONCERN.

Ventilation:LOCAL EXHAUST VENTILATION.

Protective Gloves:RUBBER.

Eye Protection:SPLASH PROOF GOGGLES WITH SHIELDS.

Other Protective Equipment:PROTECTIVE CLOTHING AND BOOTS WHERE SPILLS OR SPLASHING OCCUR.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND

RECOMMENDED PROCEDURES. USE PROPER CARE WHEN HANDLING AND STORING.

Supplemental Safety and Health

NOTE TO PHYSICIAN: PRODUCT IS AN ASPHYXIANT AND MAY INDUCE CARDIAC MUSCLE SENSITIZATION TO EPENIPHRINE-LIKE COMPOUNDS. DO NOT ADRENALIN OR SIMILAR SYMPATHOMIMATIC DRUGS.

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

HCC:G3

Boiling Pt:B.P. Text:-72F,-58C

Melt/Freeze Pt:M.P/F.P Text:-270F,-168C

Vapor Pres:12134 @68F

Vapor Density:5.14

Spec Gravity:1.54

Solubility in Wa

ter:NEGLIGIBLE.

Appearance and Odor:CLEAR LIQUIFIED GAS WITH SLIGHT ETHEREAL ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

ALKALINE EARTH METALS, ALKALI, POWDERED ALUMINUM, ZINC, BERYLLIUM.

Stability Condition to Avoid:EXPOSURE TO FLAMES OR HOT SURFACES ABOVE
850F

Hazardous Decomposition Products:HYDROBROMIC, HYDROCHLORIC, AND
HYDROFLUORIC ACIDS, POSSIBLE FREE HALIDES AND CARBONYL HAL
IDES.

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

Waste Disposal Methods:RECOVERED MATERIAL CAN BE INCINERATED IN A
FURNACE WHERE PERMITTED, OBSERVING ALL FEDERAL, STATE AND LOCAL
REGULATIONS.

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