

Material Safety Data Sheet

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SECTION I - Material Identity

Item Name

Part Number/Trade Name DUST GUN 22 (R-22)

National Stock Number 6850PTS58593

CAGE Code 07055

Part Number Indicator A

MSDS Number 148818

HAZ Code B

SECTION II - Manufacturer's Information

Manufacturer Name CHARLES BESELER COMPANY

Street 1600 LOWER RD

City LINDEN

State NJ
Country US
Zip Code 07036
Emergency Phone 908-862-7999
Information Phone 908-862-7999

MSDS Preparer's Information

Date MSDS Prepared/Revised 23JAN91
Date of Technical Review 19MAR93
Active Indicator N

Alternate Vendors

Vendor #5 CAGE BRZFR

SECTION III - Physical/Chemical Characteristics

Hazard Storage Compatibility Code NK

Appearance/Odor	COLORLESS LIQUIFIED GAS WITH FAINT ETHEREAL ODOR
Boiling Point	-41F
Melting Point	N/K
Vapor Pressure	136 PSIA
Vapor Density	2.98
Specific Gravity	1.17 (WATER=1)
Decomposition Temperature	N/K
Evaporation Rate	RAPID (N-BUTYL ACETATE=1)
Solubility in Water	SLIGHT
Percent Volatiles by Volume	N/A
Chemical pH	N/K

Corrosion Rate	N/K
Container Pressure Code	4
Temperature Code	8
Product State Code	U

SECTION IV - Fire and Explosion Hazard Data

Flash Point Method	UNK
Lower Explosion Limit	N/K
Upper Explosion Limit	N/K
Extinguishing Media	USE MEDIA SUITABLE FOR SURROUNDING FIRE (FP N)
Special Fire Fighting Procedures	WEAR NIOSH/MSHA APPROVED PRESSURE DEMAND SCBA & FULL PROTECTIVE EQUIPMENT (FP N)
Unusual Fire/Explosion Hazards	THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE FLUORIDES, CHLORIDES AND PHOSGENE (FP N)

SECTION V - Reactivity Data

Stability	YES
Stability Conditions to Avoid	MAY DECOMPOSE IN CONTACT WITH FLAMES, HEATING ELEMENTS, RELEASING IRRITATING, TOXIC GASES
Materials to Avoid	MAGNESIUM METAL
Hazardous Decomposition Products	HYDROGEN FLUORIDE, HYDROGEN CHLORIDE, CHLORINE. PHOSGENE (FP N)
Hazardous Polymerization	NO
Polymerization Conditions to Avoid	NOT RELEVANT
LD50 - LD50 Mixture	NONE SPECIFIED BY MANUFACTURER

SECTION VI - Health Hazard Data

Route of Entry: Skin	NO
Route of Entry: Ingestion	NO
Route of Entry: Inhalation	YES
Health Hazards - Acute and Chronic	INHAL:MAY CAUSE DIZZINESS, UNCONSCIOUSNESS, DIFFICULTY IF BREATHING; POSSIBLE CARDIAC ARRHYTHMIAS AT HIGH CONCENTRATION. EYE/SKIN:MAY CAUSE IRRITATION. CHLOROFLUOROCARBON MATERIALS HAVE PRODUCED SENSITIZATION OF THE MYOCARDIUM TO EPINEPHRINE IN LAB ANIMALS AND MAY HAVE A SIMILAR EFFECT IN HUMANS.(EFTS OF OVEREXPOSURE)
Carcinogenity: NTP	NO
Carcinogenity: IARC	NO
Carcinogenity: OSHA	NO
Explanation of Carcinogenity	NOT RELEVANT
Symptoms of Overexposure	HLTH HAZ:ADRENOMIMETICS (E.G., EPINEPHRINE) MAY BE CONTRAINDICATED EXCEPT FOR LIFE SUSTAINING USES IN HUMANS ACUTELY OR CHRONICALLY EXPOSED TO CFC'S (FP N)
Medical Cond. Aggravated by Exposure	NONE SPECIFIED BY MANUFACTURER
Emergency/First Aid Procedures	SKIN:WASH AFFECTED AREAS OF WITH SOAP & WATER. IF SKIN IRRITATION OR ALLERGIC REACTION DEVELOPS, GET MD. EYE:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15MINUTES. GET MD. INHAL:REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. DO NOT GIVE STIMULANTS. INGEST:CALL MD IMMEDIATELY (FP N)

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled	DISPERSE GAS WITH FLOOR-LEVEL FORCED AIR VENTILATION OR WATER SPRAY. REMOVE OPEN FLAMES, HEATING ELEMENTS, ETC. RECLAIM BY DISTILLATION
Neutralizing Agent	NONE SPECIFIED BY MANUFACTURER
Waste Disposal Method	DISCHARGE, TREATMENT AND DISPOSAL MAY BE SUBJECT TO FEDERAL, STATE OR LOCAL LAWS
Handling and Storage Precautions	P CONTAINER AWAY FOM HEAT, SPARKS AND OPEN FLAMES. DO NOT DROP REUSE OR REFILL CONTAINER. KE
Other Precautions	KEEP CNTNR BELOW 120F. READ LABEL BEFORE USE. NO SMOKING IN AREA OF USE. DO NOT USE IN GENERAL VICINITY OF ARC WELDING, OPEN FLAMES OR HOT SURFACES. HEAT AND/OR UV RADIATION MAY CAUSE THE FORMATION OF FLUORIDES, CHLORIDES & PHOSGENE (FP N)

SECTION VIII - Control Measures

Respiratory Protection	NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N)
Ventilation	USE WITH ADEQUATE VENTILATION
Protective Gloves	IMPERVIOUS GLOVES
Eye Protection	ANSI APPROVED CHEM WORK GOGG (FP N)
Other Protective Equipment	PROTECT ALL EXPOSED SKIN FROM LIQUID CONTACT
Work Hygenic Practices	PROTECT ALL EXPOSED SKIN FROM LIQUID CONTACT. TAKE USUAL PRECAUTIONS WHEN HANDLING CHEMICALS
Supplemental Health/Safety Data	NONE SPECIFIED BY MANUFACTURER

Disposal Code 0

SECTION IX - Label Data

Protect Eye YES
Protect Skin YES
Protect Respiratory YES
Chronic Indicator UNKNOWN
Contact Code SLIGHT
Fire Code UNKNOWN
Health Code UNKNOWN
React Code UNKNOWN

SECTION X - Transportation Data

Container Quantity 12
Unit of Measure OZF

SECTION XI - Site Specific/Reporting Information

Volatile Organic Compounds (P/G) 0
Volatile Organic Compounds (G/L) 0

SECTION XII - Ingredients/Identity Information

Ingredient # 01
Ingredient Name CHLORODIFLUOROMETHANE
CAS Number 75456

NIOSH Number	PA6390000
Proprietary	NO
Percent	100
OSHA PEL	1000 PPM
ACGIH TLV	1000 PPM
Recommended Limit	N/K