

# Material Safety Data Sheet

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SECTION I - Material Identity  
SECTION II - Manufacturer's Information  
SECTION III - Physical/Chemical Characteristics  
SECTION IV - Fire and Explosion Hazard Data  
SECTION V - Reactivity Data  
SECTION VI - Health Hazard Data  
SECTION VII - Precautions for Safe Handling and Use  
SECTION VIII - Control Measures  
SECTION IX - Label Data  
SECTION X - Transportation Data  
SECTION XI - Site Specific/Reporting Information  
SECTION XII - Ingredients/Identity Information

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## SECTION I - Material Identity

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Item Name	
Part Number/Trade Name	KRYTOX 240 SERIES FLUORINATED GREASES
National Stock Number	9150009618995
CAGE Code	18873
Part Number Indicator	A
MSDS Number	194580
HAZ Code	B

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## SECTION II - Manufacturer's Information

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Manufacturer Name	DU PONT E I DE NEMOURS AND CO INC
P.O. Box	1635
Street	1007 MARKET STREET
City	WILMINGTON
State	DE
Country	US
Zip Code	19899
Emergency Phone	800-441-7515/3637/9442
Information Phone	800-441-7515

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## MSDS Preparer's Information

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MSDS Preparer Name	ROBERT V.DAUM
City	DEEPWATER
State	NJ
Zip Code	08023
Date MSDS Prepared/Revised	05MAR02
Date of Technical Review	02APR91

Active Indicator Y

### Alternate Vendors

Vendor #1 Name N/R  
Vendor #5 CAGE BFZHT

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### SECTION III - Physical/Chemical Characteristics

Specification Number MIL-G-27617D  
Specification Type/Grade/Class TYPE III  
Hazard Storage Compatibility Code N1-N1  
NRC License Number N/R  
Net Propellant Weight (Ammo) N/R  
Appearance/Odor SOLID, WHITE, WAXY GREASE, NO  
ODOR  
Boiling Point N/K  
Melting Point 608F/320C  
Vapor Pressure N/K  
Vapor Density N/K  
Specific Gravity 1.93  
Decomposition Temperature UNKNOWN  
Evaporation Rate N/K  
Solubility in Water NEGLIGIBLE  
Percent Volatiles by Volume 0  
Chemical pH NEUTRL  
Corrosion Rate UNKNOWN  
Container Pressure Code 1  
Temperature Code 4  
Product State Code S

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### SECTION IV - Fire and Explosion Hazard Data

Flash Point Method PMCC  
Lower Explosion Limit N/K  
Upper Explosion Limit N/K  
Extinguishing Media NOT FLAMMABLE. USE MEDIA  
APPROPRIATE FOR SURROUNDING  
FIRE,  
Special 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 Hazards COMBUSTION OR HEAT OF FIRE MAY  
PRODUCE HAZARDOUS DECOMPOSITION  
PRODUCTS AND VAPORS. (FLUORINE  
COMPOUNDS)

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### SECTION V - Reactivity Data

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Stability	YES
Stability Conditions to Avoid	ELEVATED TEMPERATURES (>550F/288C)
Materials to Avoid	METAL OXIDES AT ELEVATED TEMPERATURES
Hazardous Decomposition Products	FLUORINE, FLUORINE COMPOUNDS
Hazardous Polymerization	NO
Polymerization Conditions to Avoid	N/R
LD50 - LD50 Mixture	ORAL RAT LD50 >25,000 MG/KG

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## SECTION VI - Health Hazard Data

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Route of Entry: Skin	YES
Route of Entry: Ingestion	YES
Route of Entry: Inhalation	NO
Health Hazards - Acute and Chronic	PRODUCT MAY BE MILDLY IRRITATION; OTHERWISE IS PRACTICALLY NON-TOXIC. DECOMPOSITION PRODUCTS (FORMED ABOVE 500F/260C) MAY CAUSE PULMONARY EDEMA, OR POLYMER FUME FEVER
Carcinogenity: NTP	NO
Carcinogenity: IARC	NO
Carcinogenity: OSHA	NO
Explanation of Carcinogenity	N/R
Symptoms of Overexposure	CONTACT MAY PRODUCE MILD IRRITATION. INHALATION OF THERMAL DECOMPOSITION: RESPIRATORY IRRITATION, POLYMER FUME FEVER (FLU-LIKE SYMPTOMS), PULMONARY EDEMA
Medical Cond. Aggravated by Exposure	NONE
Emergency/First Aid Procedures	EYES: FLUSH WITH WATER 15 MIN. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. LAUNDRY CLOTHING BEFORE REUSE. INHALED: REMOVE FROM EXPOSURE. GIVE ARTIFICIAL RESPIRATION OR OXYGEN IF NEEDED. INGESTED: DO NOT INDUCE VOMITING. GIVE WATER OR MILK. (NOTHING BY MOUTH IF UNCONSCIOUS) GET IMMEDIATE MEDICAL CARE. IF SYMPTOMS PERSIST OR ARE SEVERE, GET MEDICAL CARE

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## SECTION VII - Precautions for Safe Handling and Use

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Steps if Material Released/Spilled	WIPE UP WITH CLOTH OR PAPER
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Neutralizing Agent	NONE
Waste Disposal Method	DISPOSE I/A/W FEDERAL, STATE, LOCAL, REGULATIONS. DO NOT FLUSH TO SURFACE WATER OR DRAIN. MFR SUGGESTS RECOVERY OR INCINERATION
Handling and Storage Precautions	RE IN A COOL, DRY, WELL VENTILATED AREA. KEEP TIGHTLY CLOSED. DO NOT PERMIT PRODUCT TO CONTAMINATE FOOD, DRINK, TOBACCO PRODUCTS

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## SECTION VIII - Control Measures

Respiratory Protection	NONE EXPECTED TO BE NECESSARY, USE NIOSH/MSHA SUPPLIED AIR RESPIRATOR IF PRODUCTS OF THERMAL DECOMPOSITION ARE PRESENT
Ventilation	NORMAL ROOM VENTILATION
Protective Gloves	RUBBER, PLASTIC, OTHER IMPERVIOUS
Eye Protection	SAFETY GLASSES
Work Hygenic Practices	USE GOOD INDUSTRIAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. DO NOT CONTAMINATE FOOD, DRINK OR TABACCO PRODUCTS
Supplemental Health/Safety Data	MSDS NO.5660PP
Disposal Code	0

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## SECTION IX - Label Data

Protect Eye	NO
Protect Skin	NO
Protect Respiratory	NO
Chronic Indicator	UNKNOWN
Contact Code	UNKNOWN
Fire Code	UNKNOWN
Health Code	UNKNOWN
React Code	UNKNOWN

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## SECTION X - Transportation Data

Container Quantity	8
Unit of Measure	OZN

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## SECTION XI - Site Specific/Reporting Information

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

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**SECTION XII - Ingredients/Identity Information**

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Ingredient #	01
Ingredient Name	PERFLUOROALKYLETHER
CAS Number	60164514
NIOSH Number	1002688HE
Proprietary	NO
Percent	82
OSHA PEL	NOT ESTABLISHED
ACGIH TLV	NOT ESTABLISHED
Recommended Limit	NONE SPECIFIED
Ingredient #	02
Ingredient Name	TELOMERS OF TETRAFLUOROETHYLENE
CAS Number	9002840
NIOSH Number	1003248TT
Proprietary	NO
Percent	27
OSHA PEL	NOT ESTABLISHED
ACGIH TLV	NOT ESTABLISHED
Recommended Limit	NONE SPECIFIED

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