



Material Safety Data Sheet

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SECTION I - Material Identity

Item Name	
Part Number/Trade Name	CITRISTRIP
National Stock Number	6850PCITRUS
CAGE Code	<u>18029</u>
Part Number Indicator	A
MSDS Number	185140
HAZ Code	B

SECTION II - Manufacturer's Information

Manufacturer Name	SPECIALTY ENVIRONMENTAL TECHNOLOGIES, INC
Street	4520 GLENMEADE LN
City	AUBURN HILLS
State	MI
Country	US
Zip Code	48326
Emergency Phone	800 424-9300 CHEMTREC
Information Phone	810 340-0400

MSDS Preparer's Information

Street	4520 GLENMEADE LN
City	AUBURN HILLS
State	MI
Zip Code	48326
Date MSDS Prepared/Revised	03MAY95
Active Indicator	N

Alternate Vendors

SECTION III - Physical/Chemical Characteristics

Hazard Storage Compatibility Code	NR
NRC License Number	NR
Net Propellant Weight (Ammo)	NR
Appearance/Odor	THICK, ORANGE LIQUID, CITRUS ODOR
Boiling Point	300-400 F
Melting Point	NR
Vapor Pressure	<2 MMHG
Vapor Density	3.4 (AIR=1
Specific Gravity	1.02
Decomposition Temperature	NR
Evaporation Rate	NR
Solubility in Water	MODERATE
Percent Volatiles by Volume	1
Chemical pH	NA
Corrosion Rate	NR
Container Type	N
Container Pressure Code	4
Temperature Code	8
Product State Code	L

SECTION IV - Fire and Explosion Hazard Data

Flash Point Method	PMCC
Lower Explosion Limit	1
Upper Explosion Limit	8.9
Extinguishing Media	CARBON DIOXIDE, FOAM, DRY CHEMICAL, WATER FOG
Special Fire Fighting Procedures	WEAR SCBA AND FULL PROTECTIVE CLOTHING

Unusual Fire/Explosion Hazards

CAN REACT WITH OXIDIZING AGENTS

SECTION V - Reactivity Data

Stability	YES
Stability Conditions to Avoid	EXCESSIVE HEAT AND OPEN FLAMES
Materials to Avoid	STRONG ACIDS AND OXIDIZING AGENTS; D-LIMONENE REACTS EXPLOSIVELY WITH IODINE PENTAFLUOROETHYLENE
Hazardous Decomposition Products	CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES
Hazardous Polymerization	NO
Polymerization Conditions to Avoid	WILL NOT OCCUR
LD50 - LD50 Mixture	NR

SECTION VI - Health Hazard Data

Route of Entry: Skin	NO
Route of Entry: Ingestion	YES
Route of Entry: Inhalation	NO
Health Hazards - Acute and Chronic	[EYES] CORNEAL INJURY [SKIN] NON- IRRITATING [INHAL] NOT LIKELY TO BE HAZARDOUS [INGEST] ORAL TOXICITY IS LOW
Carcinogenity: NTP	NO
Carcinogenity: IARC	NO
Carcinogenity: OSHA	NO
Explanation of Carcinogenity	NR
Symptoms of Overexposure	[EYES] CORNEAL INJURY [SKIN] NON- IRRITATING [INHAL] NOT LIKELY TO BE HAZARDOUS [INGEST] ORAL TOXICITY IS LOW
Medical Cond. Aggrevated by Exposure	NR
Emergency/First Aid Procedures	[EYES] FLUSH W/ WATER FOR 15 MINUTES [SKIN] WASH W/ SOAP AND WATER, REMOVE CONTAMINATED CLOTHING, LAUNDER BEFORE REUSE [INHAL] REMOVE TO FRESH AIR [INGEST] DRINK PLENTY OF WATER. GET MEDICAL ATTENTION IMMEDIATELY

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled	SHUT OFF AND ELIMINATE ALL IGNITION SOURCES. KEEP PEOPLE AWAY. RECOVER FREE PRODUCT. ADD SAND, EARTH OR
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Neutralizing Agent	OTHER ABSORBENT ON SPILL AREA
Waste Disposal Method	NR
Handling and Storage Precautions	DISPOSE IAW FEDERAL, STATE, LOCAL REGULATIONS
Other Precautions	STORE IN A DRY LOCATION AT ROOM TEMPS
	NR

SECTION VIII - Control Measures

Respiratory Protection	USE NIOSH/MSHA APPROVED RESPIRATOR
Ventilation	MECHANICAL IS EXPECTED TO BE ADEQUATE
Protective Gloves	BUTYL RUBBER, TEFLON
Eye Protection	CHEM GOGGLES
Other Protective Equipment	NR
Work Hygenic Practices	WASH HANDS AFTER USE
Supplemental Health/Safety Data	NR
Disposal Code	O

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	1
Unit of Measure	GL

SECTION XI - Site Specific/Reporting Information

Volatile Organic Compounds (P/G)	7.9273
Volatile Organic Compounds (G/L)	949.9984

SECTION XII - Ingredients/Identity Information

Ingredient #	01
Ingredient Name	N-METHYL-2-PYRROLIDENE (65-90%)
CAS Number	872504
Proprietary	NO
Percent	90
OSHA PEL	NE
ACGIH TLV	NE
Ingredient #	02
Ingredient Name	D-LIMONENE (10-35%)
CAS Number	5989275
Proprietary	NO
Percent	35
OSHA PEL	NE
ACGIH TLV	NE
Ingredient #	03
Ingredient Name	THICKENER (<5%)
CAS Number	9004642
Proprietary	NO
Percent	5
OSHA PEL	5 MG/M3
ACGIH TLV	10 MG/M3
Ingredient #	04
Ingredient Name	THICKENER (<5%)
CAS Number	9004653
Proprietary	NO
Percent	5
OSHA PEL	NE
ACGIH TLV	NE
