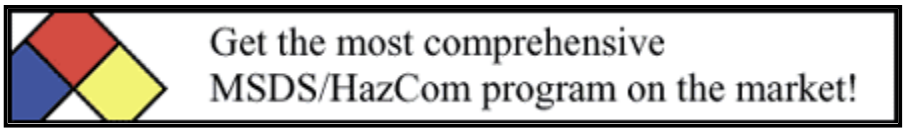

Material Safety Data Sheet

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

SECTION I - Material Identity

Item Name	
Part Number/Trade Name	ZEP ID RED AEROSOL, 0096
National Stock Number	7930L400373F
CAGE Code	27674
Part Number Indicator	A
MSDS Number	180618
HAZ Code	D

SECTION II - Manufacturer's Information

Manufacturer Name	ZEP
P.O. Box	2015
City	ATLANTA
State	GA
Country	US
Zip Code	30301
Emergency Phone	800-424-9300
Information Phone	404-352-1680

MSDS Preparer's Information

Date MSDS Prepared/Revised	03JUN93

Active Indicator	N

Alternate Vendors

SECTION III - Physical/Chemical Characteristics

Appearance/Odor	COLORLESS LIQUID WITH A SOLVENT ODOR
Boiling Point	N/D
Vapor Pressure	N/D
Specific Gravity	0.689
Evaporation Rate	N/D
Solubility in Water	NEGLIGIBLE
Percent Volatiles by Volume	100
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/D
Upper Explosion Limit	N/D
Extinguishing Media	CARBON DIOXIDE, DRY CHEMICAL AND FOAM
Special Fire Fighting Procedures	WEAR SELF-CONTAINED POSITIVE PRESSURE BREATHING APPARATUS
Unusual Fire/Explosion Hazards	CONCENTRATED VAPOR MAY IGNITE IF EXPOSED TO SPARK. DIRECT WATER ONTO INTACT CONTAINERS TO PREVENT BURSTING

SECTION V - Reactivity Data

Stability	YES
Stability Conditions to Avoid	HEAT, OPEN FLAME, SPARK AND OXIDIZING AGENTS
Materials to Avoid	HEAT, OPEN FLAME, SPARK AND OXIDIZING AGENTS
Hazardous Decomposition Products	CARBON DIOXIDE, CARBON MONOXIDE, AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS
Hazardous Polymerization	NO
Polymerization Conditions to Avoid	WILL NOT OCCUR

SECTION VI - Health Hazard Data

Route of Entry: Skin	YES
Route of Entry: Ingestion	YES

Route of Entry: Inhalation	YES
Health Hazards - Acute and Chronic	ACUTE: INHALED: CENTRAL NERVOUS SYSSTEM DEPRESSION, BURNING IN RESPIRATORY TRACT. INGEST: CHEMICAL PNEUMONIA. CHRONIC: PROLONGED OR REPEATED OVEREXPOSURE MAY CAUSE FATIGUE, LOSS OF APPETITE, WEIGHT LOSS OR GRADUAL NUMBNESS AND WEAKNESS OF THE HANDS AND FEET
Carcinogenity: NTP	NO
Carcinogenity: IARC	NO
Carcinogenity: OSHA	NO
Explanation of Carcinogenity	NONE
Symptoms of Overexposure	INHALE: HEADACHE, NASUEA, DIZZINESS AND STUPOR, IRRITATION TO NASAL AND RESPIRATORY TRACT. SKIN/EYES: REDDNESS, ITCHING AND BURNING
Medical Cond. Aggrevated by Exposure	RESPIRATORY DISORDERS AND SKIN DISEASES
Emergency/First Aid Procedures	SKIN: WASH WITH SOAP AND WATER. APPLY A SKIN CREME WITH LANOLIN. EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MIN OCCASIONALLY LIFTING UPPER AND LOWER LIDS. INHALE: REMOVE PERSON TO FRESH AIR AT ONCE. INGEST: DO NOT INDUCE VOMITING. IF VOMITING OCCURS KEEP HEAD BELOW HIP LEVEL

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled	ABSORB SPILL ON INERT ABSORBENT MATERIAL. PICK UP AND PLACE RESIDUE IN A CLEAN
Waste Disposal Method	DISPOSE OF ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS
Handling and Storage Precautions	STORE AWAY FROM IGNITION SOURCES, STORE TIGHTLY CLOSED CONTAINER IN A DRY AREA AT TEMPS, BETWEEN 40-120 F

SECTION VIII - Control Measures

Respiratory Protection	WHEN EXPSOURE LEVELS EXCEED PEL/TLV USE AN ORGANIC VAPOR RESPIRATOR
Ventilation	LOCAL
Protective Gloves	VITON GLOVES
Eye Protection	SPLASH PROOF SAFETY GOGGLES
Disposal Code	O

SECTION IX - Label Data

Protect Eye	YES
Protect Skin	YES

Protect Respiratory	NO
Chronic Indicator	UNKNOWN
Contact Code	SLIGHT
Fire Code	UNKNOWN
Health Code	UNKNOWN
React Code	UNKNOWN

SECTION X - Transportation Data

Container Quantity	16
Unit of Measure	OZF

SECTION XI - Site Specific/Reporting Information

Volatile Organic Compounds (P/G)	5.7494
Volatile Organic Compounds (G/L)	689

SECTION XII - Ingredients/Identity Information

Ingredient #	01
Ingredient Name	HEXANE
CAS Number	110543
Percent	90
OSHA PEL	50 PPM
ACGIH TLV	50 PPM
Ingredient #	02
Ingredient Name	ISOPROPYL ALCOHOL
CAS Number	67630
Percent	15
OSHA PEL	400 PPM
ACGIH TLV	400 PPM
Ingredient #	03
Ingredient Name	METHANOL
CAS Number	67561
Percent	5
OSHA PEL	200 PPM
ACGIH TLV	200 PPM