

## SECTION I - Material Identity

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Part Number/Trade Name..... PJ1 HEAVY DUTY CHAIN LUBE  
National Stock Number..... 915000F023743  
CAGE Code..... PJ1CO  
Part Number Indicator..... A  
MSDS Number..... 44101  
HAZ Code..... B

## SECTION II - Manufacturer's Information

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Manufacturer Name..... PJ1 CORPORATION  
P.O. Box..... N/K  
Street..... 8340 E RAINTREE DR  
City..... SCOTTSDALE  
State..... AZ  
Country..... US  
Zip Code..... 85260  
Emergency Phone..... (818) 887-6704  
Information Phone..... (818) 887-6704

## MSDS Preparer's Information

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MSDS Preparer Name..... F WILLIAM LANDMAN  
Street..... 8340 E RAINTREE DR  
City..... SCOTTSDALE  
State..... AZ  
Zip Code..... 85260  
Date MSDS Prepared/Revised..... 06MAR86  
Date of Technical Review..... 05JUN92  
Active Indicator..... N

## Alternate Vendors

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Vendor #5 CAGE..... BNJJW

## SECTION III - Physical/Chemical Characteristics

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Appearance/Odor..... DARK GREEN SPRAY W/CHLORINATED  
ODOR  
Boiling Point..... N/K  
Melting Point..... N/R  
Vapor Pressure..... 25-35 PSIG  
Vapor Density..... N/K  
Specific Gravity..... N/K

Decomposition Temperature..... N/K  
Evaporation Rate..... N/K  
Solubility in Water..... NEGLIGIBLE  
Percent Volatiles by Volume..... <90%  
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

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Flash Point Method..... PMCC  
Lower Explosion Limit..... 1.8%  
Upper Explosion Limit..... 9.5%  
Extinguishing Media..... WATER FOG, DRY CHEMICAL, CO2  
Special Fire Fighting Procedures..... KEEP CONTAINERS COOL. USE  
EQUIPMENT OR SHIELDING TO  
PROTECT PERSONNEL AGAINST  
BURSTING, RUPTURING, OR VENTING  
CONTAINERS.  
Unusual Fire/Explosion Hazards..... TEMPS >130F CONTAINERS MAY  
RUPTURE OR BURST.

## SECTION V - Reactivity Data

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Stability..... YES  
Stability Conditions to Avoid..... EXTREME HEAT, FIRE, FLAME, OPEN  
SPARKS, TEMP>130F  
Materials to Avoid..... STRONG OXIDIZERS  
Hazardous Decomposition Products..... HYDROGEN CHLORIDE, PHOSGENE,  
CHLORINE  
Hazardous Polymerization..... NO  
Polymerization Conditions to Avoid..... N/K  
LD50 - LD50 Mixture..... N/K

## SECTION VI - Health Hazard Data

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Route of Entry: Skin..... YES  
Route of Entry: Ingestion..... NO  
Route of Entry: Inhalation..... YES  
Health Hazards - Acute and Chronic..... SKIN/EYES: IRRITATION.  
INHALATION: DROWSINESS,  
DIZZINESS.  
Carcinogenicity: NTP..... NO  
Carcinogenicity: IARC..... NO  
Carcinogenicity: OSHA..... NO





OSHA PEL..... 1000 PPM  
ACGIH TLV..... SIMPLE ASPHYXIAN  
Recommended Limit..... 1800 MG/CUM  
Ingredient #..... 04  
Ingredient Name..... ISOBUTANE, 2-METHYLPROPANE  
CAS Number..... 75285  
NIOSH Number..... TZ4300000  
Proprietary..... NO  
Percent..... <15%  
OSHA PEL..... 1800 MG/CUM  
ACGIH TLV..... 1000 PPM  
Recommended Limit..... 1000 PPM

**NOTICE: For additional information, contact BIOENVIRONMENTAL/7-4551**