

Page: 1

MATERIAL SAFETY DATA SHEET (M S D S) Printed : 02/05/98
 For Oils, Greases and Related Lubricating Materials Revised : 03/11/97

=====

SECTION I - PRODUCT IDENTIFICATION

Manufacturer: CATO OIL AND GREASE CORP. Information Phone: 405-270-6200
 P.O. BOX 26868 Emergency Phone: 800-424-9300
 915 M.L. KING BLVD. CHEMTREC Phone: 800-424-9300
 OKLAHOMA CITY OK 73126

Trade Name : MYSTIK JT-6 MULTI-PURPOSE GREASE
 Product Class: AEROSOL GREASE

! Hazard Ratings: Health - 2*
 ! none -> extreme Fire - 4
 ! 0 ----> 4 Reactivity - 0

Product Code : 5484B-001

C.A.S. Number: COMPLEX MIXTURE

D.O.T. Hazard Class : 2.1 OR ORM-D

Proper Shipping Name: AEROSOLS, 2.1, UN1950; EACH NOT EXCEEDING 1L CAPACITY
 OR CONSUMER COMMODITY, ORM-D

! HMIS Personal Protection - G
 UN #: UN1950

=====

SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS #	Weight %	--- Exposure Limits ---		VP mm HG
			ACGIH/TLV	OSHA/PEL	
PETROLEUM HYDROCARBON	64742-53-6	5-20	5	mg/M3 5	mg/M30
STEL= 10 10					
THIS PETROLEUM HYDROCARBON MAY ALSO CONTAIN CAS# 64742-52-5.					
CALCIUM STEARATE	3159-62-4	1-5		ppm NONE	ppm 0
STEL= NONE					
POLYMER SOLUTION	PROPRIETARY	5-20	5	mg/M3 5	mg/M30
STEL= 10 10					
THE TLV/PEL LISTED FOR POLYMER SOLUTION IS FOR MINERAL OIL COMPONENT OF THIS INGREDIENT. ALL OTHER COMPONENTS OF POLYMER SOLUTION ARE OSHA NON-HAZARDOUS MATERIALS.					
*TOLUENE	108-88-3	20-50	100	ppm 100	ppm 22
STEL= 150 150					
TOLUENE IS REPORTABLE UNDER SARA SECTION 313 AND IS CONSIDERED UNDER SARA 311/312 CLASSIFIED INTO THESE HEALTH HAZARD CATEGORIES: IMMEDIATE AND DELAYED HEALTH; FIRE.					
LIQUID PETROLEUM GAS	68476-86-8	20-50	775	ppm 775	ppm 3619

*** ALL Ingredients in this product are listed in the T.S.C.A. Inventory.

SARA 311/312 CATEGORY - HEALTH HAZARD IMMEDIATE AND CHRONIC.

INGREDIENTS ARE PROPRIETARY. POTENTIAL HAZARDS HAVE BEEN EVALUATED AND PERTINENT INFORMATION HAS BEEN INCLUDED IN SECTIONS III-IX. EACH PROPRIETARY MATERIAL IS EITHER:
 1. HELD A TRADE SECRET FROM CATO, 2. OSHA-NON-HAZARDOUS OR BELOW 1% IF OSHA HAZARDOUS AND 3. BELOW 0.1% IF POTENTIALLY CARCINOGENIC.

* -> These items are listed on the SARA TITLE III Section 313 inventory

Page: 2 CATO OIL AND GREASE CORP.
M S D S for: MYSTIK JT-6 MULTY-PURPOSE GREASE

=====

SECTION III - PHYSICAL DATA

Boiling Range: N/AV Deg. F	Vapor Density: Heavier than Air.
Evap. Rate: Faster than n-Butyl Acetate	Liquid Density: Lighter than Water.
Volatiles volume: 77.7 %	Wgt per gallon: 7.57 Pounds.
	Spec. Gravity: 0.91

Appearance: AEROSOL @ ATMOSPHERIC PRESSURE
V.O.C.: 2.145

=====

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability Class: 4 Flash Point: -75°F TCC (LPG) LEL: 1.4

-EXTINGUISHING MEDIA:
CARBON DIOXIDE, DRY CHEMICAL OR FOAM. WATER STREAM MAY SPREAD FIRE, USE WATER SPRAY ONLY TO COOL CONTAINERS NOT ON FIRE. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE.

-SPECIAL FIREFIGHTING PROCEDURES:
WATER STREAM MAY SPREAD FIRE, USE WATER SPRAY ONLY TO COOL CONTAINERS NOT ON FIRE. IF LEAK OR SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS.

-UNUSUAL FIRE & EXPLOSION HAZARDS:
FIRE AND EXPLOSION HAZARD WHEN RELEASED TO AIR OR STORED ABOVE 120°F.

=====

SECTION V - HEALTH HAZARD DATA

-PERMISSIBLE EXPOSURE LEVEL:
TWA = 5 MG/M3; STEL = 10 MG/M3--AS OIL MIST--RESPIRATORY IRRITANT.
SEE SECTION II FOR CONCISE INFORMATION CONCERNING OTHER INGREDIENTS HAVING A PEL OR TLV.

-EFFECTS OF OVEREXPOSURE:
INHALATION: ACUTE: HEADACHE, NASAL AND RESPIRATORY IRRITATION, NAUSEA, DROWSINESS, BREATHLESSNESS, FATIGUE, CENTRAL NERVOUS SYSTEM DEPRESSION, CONVULSIONS, LOSS OF CONSCIOUSNESS. OVEREXPOSURE CAN ADVERSLY EFFECT LIVER AND KIDNEY FUNCTION.

SKIN: ACUTE: IRRITATION; SKIN CONTACT CAN CAUSE REDNESS, DRYNESS, OR RASH.
CHRONIC: DERMATITIS; PROLONGED CONTACT CAN CAUSE DERMATITIS DUE TO DEFATTING OF KERATIN LAYER.

EYES: ACUTE: IRRITATION: EYE CONTACT CAN CAUSE IRRITATION, REDNESS, TEARING AND BLURRED VISION.

SWALLOWING/INGESTION: ACUTE: ASPIRATION HAZARD, HEADACHE, NAUSEA, DROWSINESS, FATIGUE, PNEUMONITIS, PULMONARY EDEMA, CENTRAL NERVOUS SYSTEM DEPRESSION, CONVULSIONS, AND LOSS OF CONSCIOUSNESS. OVEREXPOSURE CAN EFFECT LIVER AND KIDNEY FUNCTION.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE KNOWN, BUT MAY AGGRAVATE PREVIOUSLY EXISTING EYE/SKIN DISORDERS. READ FURTHER IN SECTION V . 2 TO SUGGEST OTHER CONDITIONS THAT MIGHT BE AGGRAVATED BY ACUTE OR CHRONIC EXPOSURE.

(cont.)

Page: 3 CATO OIL AND GREASE CORP.
M S D S for: MYSTIK JT-6 MULTI-PURPOSE GREASE

===== SECTION V - HEALTH HAZARD DATA (cont.) =====

-EFFECTS OF OVEREXPOSURE: (cont.)

LISTED AS A POTENTIAL CARCINOGEN OR CARCINOGEN? NOT LISTED BY IARC, NTP, OR OSHA.

THE TOLUENE COMPONENT OF THIS PRODUCT MAY CONTRIBUTE THE FOLLOWING HEALTH HAZARDS TO THIS PRODUCT: 1. CAN CAUSE IRRITATION TO THE EYES, SKIN, OR RESPIRATORY SYSTEM; 2. MAY BE HARMFUL IF INHALED OR ABSORBED THROUGH THE SKIN POSSIBLY CAUSING KIDNEY OR LIVER DAMAGE AND CENTRAL NERVOUS SYSTEM DEPRESSION AND 3. TOLUENE IS HARMFUL IF SWALLOWED AND MAY CAUSE CHEMICAL PNEUMONIA IF ASPIRATED INTO THE LUNGS.

-FIRST AID:

INHALATION: IF RESPIRATORY DISCOMFORT OR IRRITATION OCCURS, MOVE PERSON TO FRESH AIR. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION AND GET MEDICAL ATTENTION IMMEDIATELY.

SKIN: WASH EXPOSED PORTION WITH SOAP AND WATER. LAUNDRER SOILED CLOTHES BEFORE REUSE. IF CLOTHING SOAKED, IMMEDIATELY REMOVE CLOTHING AND WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION PROMPTLY.

EYES: IMMEDIATELY FLUSH EYES WITH WATER FOR A MINIMUM OF 15 MINUTES OCCASIONALLY LIFTING THE LOWER AND UPPER LIDS. IF FILM OR IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

SWALLOWING/INGESTION: DO NOT INDUCE VOMITING; CONTACT A PHYSICIAN. ONLY INDUCE VOMITING AT THE INSTRUCTION OF A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

===== SECTION VI - REACTIVITY DATA =====

STABILITY: [] Unstable [x] Stable
HAZARDOUS POLYMERIZATION: [] May occur [x] Will not occur
-INCOMPATIBILITY

STRONG OXIDIZERS.

-CONDITIONS TO AVOID:

AVOID CONDITIONS THAT COULD GENERATE EXCESSIVE VAPORS. DO NOT EXPOSE THE PRODUCT TO STRONG OXIDIZERS OR EXCESSIVE HEAT. KEEP AWAY FROM HEAT, SPARKS, PILOT LIGHTS, STATIC ELECTRICITY, AND OPEN FLAME. AVOID BREATHING VAPORS AND SKIN CONTACT. BASED ON THE TOLUENE COMPONENT OF THIS PRODUCT AVOID LIQUID MIST AND VAPOR CONTACT WITH EYES, SKIN AND RESPIRATORY SYSTEM AND WASH THOROUGHLY AFTER HANDLING.

-HAZARDOUS DECOMPOSITION PRODUCTS:

INCOMPLETE COMBUSTION CAN YIELD CARBON (SMOKE), CARBON MONOXIDE, VARIOUS HYDROCARBONS AND EVOLVE OTHER TOXIC GASES OR VAPORS. ALSO ANTIMONY OXIDE.

Page: 4 CATO OIL AND GREASE CORP.
M S D S for: MYSTIK JT-6 MULTI-PURPOSE GREASE

=====

SECTION VII - SPILL OR LEAK PROCEDURES

- STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
NOTIFY EMERGENCY RESPONSE PERSONNEL. EVACUATE AREA AND REMOVE
IGNITION SOURCES. MOVE LEAKY CANS TO OPEN AREA AWAY FROM
IGNITION SOURCES AND ALLOW PRESSURIZING AGENT TO VENT. AFTER
VENTING IS COMPLETE, PLACE CANS IN CLOSED CONTAINER FOR
DISPOSAL. IF LIQUID HAS LEAKED OUT OF THE CANS, BUILD DIKE
TO CONTAIN SPILL. REMOVE FREE LIQUID, DO NOT FLUSH TO SEWER
OR OPEN WATER. PICK UP RESIDUE WITH INERT ABSORBANT AND PLACE
IN CLOSED CONTAINER. STORE AS APPROPRIATE FOR FLAMMABLE LIQUID.
- WASTE DISPOSAL METHOD:
EPA HAZARDOUS WASTE? YES, READ FURTHER IN THIS SECTION TO
DETERMINE IF OTHER ITEMS NEED TO BE CONSIDERED WHICH MAY AFFECT
ALL INFORMATION IN THIS SECTION.
EPA HAZARDOUS WASTE CODE NUMBER--D001; READ ELSEWHERE IN THIS
SECTION TO DETERMINE IF OTHER WASTE CODES MAY APPLY.
EPA WASTE CHARACTERISTIC OR HAZARD CODE--IGNITABLE; READ
ELSEWHERE IN THIS SECTION TO DETERMINE IF OTHER WASTE
CHARACTERISTICS OR CODES APPLY.

UTILIZE LICENSED WASTE DISPOSAL COMPANY. CONSIDER RECYCLING
OR CONTROLLED INCINERATION. UTILIZE PERMITTED INDUSTRIAL
WASTE DISPOSAL SITE. FOLLOW ALL LOCAL, STATE AND FEDERAL
GUIDELINES. REMEMBER THAT LIQUIDS ARE BANNED FROM LANDFILLING.

=====

SECTION VIII - SPECIAL PROTECTION INFORMATION:

- RESPIRATORY PROTECTION:
UP TO 1000 PPM , HALF-MASK ORGANIC VAPOR RESPIRATOR. UP TO
2000 PPM, FULL-FACE ORGANIC VAPOR RESPIRATOR OR FULL-FACE
SUPPLIED AIR RESPIRATOR. GREATER THAN 2000 PPM, FIRE
FIGHTING OR UNKNOWN CONCENTRATION, USE SELF-CONTAINED
BREATHING APPARATUS WITH POSITIVE PRESSURE.
- VENTILATION:
MAINTAIN LOCAL OR DILUTION VENTILATION TO KEEP AIR CONCENTRATION
BELOW PEL/TLV. REQUEST ASSISTANCE OF SAFETY AND INDUSTRIAL
HYGIENE PERSONNEL TO DETERMINE AIR CONCENTRATION.
- PROTECTIVE GLOVES:
NITRILE, NEOPRENE OR OTHER MATERIAL RESISTANT TO PETROLEUM BASED
PRODUCTS FOR PROLONGED CONTACT.
- EYE PROTECTION:
SAFETY GLASSES, CHEMICAL GOGGLES OR FACE SHIELD AS APPROPRIATE
FOR EXPOSURE.
- OTHER PROTECTIVE EQUIPMENT:
NONE NORMALLY REQUIRED.

Page: 5

CATO OIL AND GREASE CORP.
M S D S for: MYSTIK JT-6 MULTI-PURPOSE GREASE-----
SECTION IX - SPECIAL PRECAUTIONS

-PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

DO NOT STORE WITH STRONG OXIDIZERS. STORE CLEAN AND DRY BELOW
120°F. STORE AS OSHA CLASS IA FLAMMABLE LIQUID.

-OTHER PRECAUTIONS:

DOT HAZARDOUS MATERIAL? YES.
DOT DOMESTIC DESCRIPTION (SURFACE) - CONSUMER COMMODITY.
DOT DOMESTIC HAZARD CLASS (SURFACE) - ORM-D.
DOT DOMESTIC ID NUMBER (SURFACE) - NONE.
DOT DOMESTIC PACKING GROUP (SURFACE) - NONE.
FOR TRANSPORTATION EMERGENCY SEE EMERGENCY RESPONSE GUIDE NUMBER
126.RECOMMENDED CUSTOMER WARNING: DANGER: FLAMMABLE: CONTENTS
UNDER PRESSURE. DO NOT PUNCTURE OR INCINERATE CONTAINER. DO
NOT EXPOSE TO HEAT, SPARKS OR OPEN FLAME. DO NOT STORE AT
TEMPERATURES ABOVE 120°F. DANGER-CONTAINS TOLUENE AND LIQUIFIED
PETROLEUM GAS. HARMFUL IF INHALED OR SWALLOWED. IF SWALLOWED,
DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY. VAPOR
HARMFUL; OVEREXPOSURE MAY CAUSE CENTRAL NERVOUS SYSTEM DAMAGE OR
BE FATAL. USE ONLY WITH ADEQUATE VENTILATION. AVOID CONTACT
WITH SKIN OR EYES. WASH THOROUGHLY AFTER HANDLING. FOR EYE
CONTACT: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. IF
FILM OR IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.
KEEP AWAY FROM CHILDREN.-----
DISCLAIMERTHE INFORMATION AND RECOMMENDATIONS CONTAINED IN THIS
PUBLICATION HAVE BEEN COMPILED FROM SOURCES BELIEVED TO
BE RELIABLE AND TO REPRESENT THE BEST CURRENT OPINION ON
THE SUBJECT AT THE TIME OF PUBLICATION. SINCE WE CANNOT
ANTICIPATE OR CONTROL THE MANY DIFFERENT CONDITIONS UNDER
WHICH THIS INFORMATION OR OUR PRODUCTS MAY BE USED, WE
MAKE NO GUARANTEE THAT THE RECOMMENDATIONS WILL BE ADEQUATE
FOR ALL INDIVIDUALS OR SITUATIONS. EACH USER OF THE PRODUCT
DESCRIBED HEREIN SHOULD DETERMINE THE SUITABILITY OF THE
DESCRIBED PRODUCT FOR HIS PARTICULAR PURPOSE AND SHOULD
COMPLY WITH ALL FEDERAL, STATE AND LOCAL RULES AND REGULATIONS
CONCERNING THE DESCRIBED PRODUCT.-----
ABBREVIATIONS:

N/A	NOT APPLICABLE	PEL	PERMISSIBLE EXPOSURE LIMIT
N/K	NOT KNOWN	TWA	TIME WEIGHTED AVERAGE
N/AV	NOT AVAILABLE	TLV	THRESHOLD LIMIT VALUE
COC	CLEVELAND OPEN CUP	STEL	SHORT TERM EXPOSURE LIMIT
PMCC	PENSKI-MARTENS CLOSED CUP		
G	GRAM	DOT	DEPARTMENT OF TRANSPORTATION
MG	MILLIGRAM	OSHA	OCCUPATIONAL SAFETY & HEALTH ADMIN.
M3	CUBIC METER	SARA	SUPERFUND AMEND. & REAUTHORIZ. ACT
LD 50	LETHAL DOSE 50%		
LC 50	LETHAL CONCENTRATION 50%		

(cont.)

Page: 6 CATO OIL AND GREASE CORP.
M S D S for: MYSTIK JT-6 MULTI-PURPOSE GREASE

SECTION IX - SPECIAL PRECAUTIONS (cont.)

-OTHER PRECAUTIONS: (cont.)

- EPA ENVIRONMENTAL PROTECTION AGENCY
 - SAE SOCIETY OF AUTOMOTIVE ENGINEERS
 - ISO INTERNATIONAL STANDARDS ORGANIZATION
- -----