

MATERIAL SAFETY DATA SHEET

EMERGENCY PHONE: 1-800-346-0132
CHEMTREC PHONE: 1-800-255-3924

A197 MAX FORCE 2000

NFPA RATING:

HEALTH: 1 FLAMMABILITY: 2 REACTIVITY: 1 SPECIAL:

HMIS RATING:

HEALTH: 1 FLAMMABILITY: 2 REACTIVITY: 1 PERSONAL PROTECTION: A

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MAX FORCE 2000
PRODUCT CODES: A197
PRODUCT USE: Organic Penetrating Oil
MANUFACTURER: Chemax Corporation
ADDRESS: P O Box 7453
 Beaumont TX 77726-7453

DATE PREPARED: 10/12/09
PREPARED BY: R Hinshaw

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

<u>INGREDIENT NAME:</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>% WT</u>	<u>SARA 313</u>
1,8-P-MENTHADIENE	5989-27-5	N/E	N/E		
CARBON DIOXIDE	124-38-9	5000 ppm	5000 ppm		
ISOPARAFINIC HYDROCARBON	64742-47-8	400 ppm	400 ppm		
MINERAL OIL	8042-47-5	5 mg / m3	5 mg / m3		

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Keep out of reach of children. Aerosol can under pressure.

ROUTES OF ENTRY: Eyes. Skin. Ingestion. Inhalation.

POTENTIAL HEALTH EFFECTS:

EYES: May cause irritation.

SKIN: May cause mild irritation and defatting of skin.

INGESTION: Gastric discomfort. Nausea.

INHALATION: Dizziness and/or headache. Prolonged exposure may lead to unconsciousness.

CHRONIC HEALTH HAZARDS: None known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.

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SECTION 4: FIRST AID MEASURES

EYES: Flush with large amounts of running water for 15 minutes. If irritation persists, seek medical attention.

SKIN: Wash thoroughly with soap and water for 15 minutes. If irritation develops, seek medical attention.

INGESTION: Do NOT induce vomiting. Drink 2 large glasses of water if conscious and alert. Seek immediate medical attention.

INHALATION: Remove to fresh air. Resuscitate if necessary. Seek medical attention.

NOTES TO PHYSICIAN OR FIRST AID PROVIDER:

SECTION 4 NOTES:

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR (% by volume): UPPER: N/A LOWER: N/A

FLASH POINT (Method Used: TCC): N/A

FLAMMABILITY (as per USA Flame Projection Test):

AUTO IGNITION TEMPERATURE: N/A

EXTINGUISHING MEDIA: Dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Do not expose to temperatures above 120 F or container may rupture.

SECTION 5 NOTES:

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Use absorbent on spill. Clean up. Small releases may be wiped up with wiping material.

SECTION 6 NOTES: Dispose of residue in accordance with all federal, state and local regulations.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a cool, dry area. Do not use near heat or flame. Do not store at temperatures above 120 F.

OTHER PRECAUTIONS: Keep out of reach of children. Avoid food contamination.

SECTION 7 NOTES:

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SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

ENGINEERING CONTROLS:

VENTILATION : Normal. Adequate ventilation to keep vapor concentration below TLV.

RESPIRATORY PROTECTION: If vapor concentration exceeds TLV, use respirator approved by NIOSH for organic vapor or SCBA.

EYE PROTECTION: Safety glasses.

SKIN PROTECTION: Solvent-resistant gloves such as neoprene may be used.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None.

WORK HYGIENIC PRACTICES: Wash hands thoroughly after use. Keep away from food and drink.
Handle in accordance with good industrial hygiene and safety practices.

EXPOSURE GUIDELINES:

SECTION 8 NOTES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Orange, clear liquid

ODOR: Citrus odor

PHYSICAL STATE: Liquid

pH: N/A

BOILING POINT: 207 F

MELTING POINT: Not tested

VAPOR PRESSURE (mm Hg): 2 @ 77 F

VAPOR DENSITY (AIR = 1): 4.7 @ 77 F

SPECIFIC GRAVITY (H₂O = 1): 0.85 @ 77 F

EVAPORATION RATE (Butyl Acetate = 1): < 1

SOLUBILITY IN WATER: 0%

TOTAL VOC (Volatile Organic Compounds) (% by weight):

TOTAL VOC (Volatile Organic Compounds) (grams / Liter): 850 g/L

PERCENT VOLATILE (by WT / by VOL): 100% (Ambient)

SECTION 9 NOTES:

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SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: Temperatures above 120 F.

INCOMPATIBILITY (Material to Avoid): Strong oxidizers.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Oxides of carbon.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: No specific toxicological data is available for this product.

SECTION 11 NOTES: Please refer to Section 3 for information on potential health effects.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Contains oil. Do not let residue come in contact with waterways in the United States.

SECTION 12 NOTES: Please refer to Section 6 for information regarding spills and Section 15 for regulatory information.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of residue in accordance with all federal, state and local regulations.
Do not puncture or incinerate container. Wrap container and place in trash collection.

RCRA HAZARD CLASS: Considered non-hazardous under RCRA.
However, this product should be fully characterized prior to disposal (40 CFR 261).

SECTION 13 NOTES: Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Consumer Commodity, ORM-D
HAZARD CLASS: 2.1
UNID NUMBER: 1950
PACKING GROUP: No packing group
TYPE: Aerosol / Flammable

WATER TRANSPORTATION

PROPER SHIPPING NAME: Consumer Commodity, ORM-D
HAZARD CLASS: 2.1
UNID NUMBER: 1950
PACKING GROUP: No packing group
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SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

TSCA (Toxic Substance Control Act): All chemicals are listed.

CERCLA (Comprehensive Response Compensation and Liability Act): None

SARA TITLE III EPCRA (Superfund Amendments and Reauthorization Act):

Section 311 – 312: Hazardous Chemical Inventory: None

Section 313: Toxic Chemical Release Inventory: None

CALIFORNIA PROPOSITION 65:

Known to the State of California to cause birth defects or other reproductive harm: None

Known to the State of California to cause cancer: None

CARCINOGEN OR POTENTIAL CARCINOGEN:

OSHA: No ACGIH: No NTP: No IARC: No

STATE REGULATIONS:

SECTION 15 NOTES:

SECTION 16: OTHER INFORMATION

PREPARATION INFORMATION: R Hinshaw

DISCLAIMER: Information provided in this MSDS is correct to the best of our knowledge, information and belief at publication date.