



MATERIAL SAFETY DATA SHEET

590 S. Paddock Pontiac MI 48341

Ph: 248-333-1333

Fax: 248-333-1426

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ExcelClean 501
SYNONYMS: Cleaner
PRODUCT CODES: EX005011

MANUFACTURER: Eastern Oil Company
ADDRESS: 590 South Paddock
Pontiac, MI 48341
Manufacturer's Phone: (248) 333-1333
CHEMTREC (Emergency): (800) 424-9300 (US), (202) 483-7616 (International)

CHEMICAL FAMILY: Water-Based Cleaner
CHEMICAL FORMULA: Mixture

SECTION 1 NOTES: Product is a water based cleaner that also provides temporary corrosion protection.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO</u>	<u>% WT</u>	<u>OSHA TWA</u>	<u>ACGIH TLV</u>	<u>SARA 313 reportable</u>
Corrosion Inhibitor	Mixture	< 5	Not Established	Not Established	No
Triethanolamine, LFG 85	102-71-6	< 5	Not Established	Not Established	No
Alkoxyiated Fatty Alcohol	Mixture	< 2	Not Established	Not Established	No
Sodium Ethylhexyl Sulfate	Mixture	< 5	Not Established	Not Established	No
1,3,5-tris(hydroxyethyl)-s-triazine based additive	Mixture	< 2	Not Established	Not Established	No
Water	7732-18-5	> 80	Not Established	Not Established	No

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Contact may cause eye, skin, and/or respiratory irritation. Aspiration hazard if swallowed. Liquid is slippery and will burn. Use with adequate ventilation. Avoid release of this product to the environment.

ROUTES OF ENTRY: Eyes, Skin, Inhalation, Ingestion

POTENTIAL HEALTH EFFECTS:

EYES: May cause moderate irritation (administer first aid promptly)

SKIN: May cause moderate irritation. Long term or repeated exposures will defat the skin resulting in irritation and possible dermatitis.

INGESTION: May cause gastrointestinal irritation. Symptoms may include headache, nausea, vomiting, dizziness, drowsiness, and other symptoms of central nervous system depression.

INHALATION: May cause irritation to the nose, throat, and upper respiratory tract. Could result in pulmonary edema (fluid accumulation). Symptoms of pulmonary edema (chest pain, shortness of breath) may be delayed.

ACUTE HEALTH HAZARDS: Eye, skin, and respiratory irritation.

CHRONIC HEALTH HAZARDS: Possible skin irritation, dermatitis. Repeated or long term exposure could result in kidney failure, which



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can be fatal.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Dry skin and previous irritation.

CARCINOGENICITY

OSHA: NO

ACGIH: NO

NTP: NO

IARC: NO

SECTION 4: FIRST AID MEASURES

EYES: Flush with copious amounts of water for several minutes. If irritation persists, continue with water application. If after 15 minutes, irritation continues, seek medical attention.

SKIN: Promptly wash skin with mild soap and water. If irritation persists, seek medical attention.

INGESTION: Do not induce vomiting. Seek qualified medical attention.

INHALATION: Remove to fresh air. In severe cases of overexposure, such as with a fire, administer oxygen and seek qualified medical attention.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptoms as required. Product contains triethanolamine, sulfates, and triazine.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT:

F: Not Applicable. Product is water-based.

AUTOIGNITION TEMPERATURE:

F: Not Determined

NFPA HAZARD CLASSIFICATION

HEALTH: 2

FLAMMABILITY: 0

REACTIVITY: 0

OTHER: None

HMIS HAZARD CLASSIFICATION

HEALTH: 2

FLAMMABILITY: 0

REACTIVITY: 0

Protection: B

EXTINGUISHING MEDIA: Not Applicable

SPECIAL FIRE FIGHTING PROCEDURES: Not Applicable

UNUSUAL FIRE AND EXPLOSION HAZARDS: Not Applicable

HAZARDOUS DECOMPOSITION PRODUCTS: Not Applicable

SECTION 5 NOTES: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Prevent spread of material, especially to rivers or waterways by diking with dirt or absorbent. For large spills, pump released material into recovery containers and then spread absorbent over the spill area to collect residuals. For small spills, wipe up or use absorbent to clean the spill area.

SECTION 6 NOTES: Prevent spill from reaching any type of running or standing water, such as streams, sewers, well water and ponds.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a sheltered area, away from temperature extremes in labeled containers. Avoid contact with eyes, skin,



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clothing, and shoes. Open containers carefully and only in ventilated areas. Wash thoroughly after handling.

OTHER PRECAUTIONS: When handling, have appropriate safety equipment for the working conditions including eyewash.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Good ventilation desirable.

VENTILATION: Sufficient to control mists to prevent operator discomfort.

RESPIRATORY PROTECTION: Required if employee exposure exceeds thresholds.

EYE PROTECTION: Wear safety glasses with side shields or chemical-resistant goggles.

SKIN PROTECTION: Gloves recommended when handling. Neoprene, nitrile, or PVC offers good protection.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: As required, wear aprons, sleeves or other protective gear to prevent long-term skin contact.

WORK HYGIENIC PRACTICES: Keep clean. Wash exposed skin areas with mild soap and water.

EXPOSURE GUIDELINES: Avoid excessive inhalation of vapors or mists. Launder contaminated clothing before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear/Hazy Colorless Liquid

ODOR: Mild Odor

PHYSICAL STATE: Liquid

pH AS SUPPLIED: 10-11 Typical

pH (Other): Not Determined

BOILING POINT: As with water

VAPOR PRESSURE (mmHg): Not Determined

SPECIFIC GRAVITY (H₂O = 1): 1.03 Typical @ 20 deg. C

EVAPORATION RATE: As with water

SOLUBILITY IN WATER: Soluble

VOLATILE ORGANIC COMPOUNDS (VOC): Not determined

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID (STABILITY): Any type of contamination, temperature extremes.

INCOMPATIBILITY (MATERIAL TO AVOID): Avoid mixing with strong oxidizers (such as powdered floor cleaners, caustic soda, or liquid perchlorates) and reducers.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None noted

HAZARDOUS POLYMERIZATION: None

SECTION 10 NOTES: None



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SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Not Determined

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not Determined

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Contact waste hauler for recycling. Follow all Local, State and Federal regulations.

RCRA HAZARD CLASS: None

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

Not DOT Regulated

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): Components Listed

SARA 311/312:

Immediate (Acute) Health Hazard: Yes

Delayed (Chronic) Health Hazard: Yes

Fire Hazard: No

Reactivity Hazard: No

Pressure Hazard: No

SARA 313 REPORTABLE INGREDIENTS: None

SECTION 15 NOTES: None

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: Diethylene Glycol may cause liver and kidney injury if repeatedly ingested.

PREPARATION INFORMATION: Prepared at an ISO 9001-2008 certified facility.

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