



MOBILCER A WAY
RESIST

you're the artist ---- we're your partner

THE POTTERY SUPPLY HOUSE LTD.
1120 SPEERS ROAD
OAKVILLE, ONT. L6L 2X4

800102-00 MOBILCER A
MATERIAL SAFETY DATA BULLETIN

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MOBILCER A
SUPPLIER: EXXONMOBIL OIL CORPORATION
3225 GALLOWS RD.
FAIRFAX, VA 22037

24 - Hour Emergency (call collect): 609-737-4411

Product and MSDS Information:

Lubricants and Specialties: 800-662-4525 800-443-9966

Fuels Products: 800-947-9147

MSDS Fax on Demand: 713-613-3661

MSDS Internet Website: <http://www.exxon.com>, <http://www.mobil.com>

CHEMTREC: 800-424-9300 202-483-7616

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAMES AND SYNONYMS: PETROLEUM EMULSION

INGREDIENTS CONSIDERED HAZARDOUS TO HEALTH:

Substance Name	Wt%
FORMALDEHYDE (50-00-0)	<1

See Section 15 for European Label Information.

See Section 8 for exposure limits (if applicable).

3. HAZARDS IDENTIFICATION

US OSHA HAZARD COMMUNICATION STANDARD: This product may be capable of generating 0.1 ppm or greater formaldehyde vapors under certain use conditions. According to OSHA, 29 CFR Part 1910.1048, formaldehyde vapors may be considered hazardous if workplace airborne concentrations exceed 0.1 ppm. In addition, removal of water during heating operations may lead to the generation of wax fumes. According to OSHA, paraffin wax fume may be considered to be hazardous if the workplace airborne concentration exceeds 2 mg/m³.

EFFECTS OF OVEREXPOSURE: POTENTIAL CANCER HAZARD. Exposure to airborne concentrations of formaldehyde in excess of 0.1 ppm may cause discomfort in the stomach and pharynx and irritation of the eyes, nose and throat of some individuals. Excessive exposure may result in eye, skin or respiratory irritation.

EMERGENCY RESPONSE DATA: Milky Buff Emulsion. Wax will burn if water evaporates from emulsion. May generate irritating vapors/fumes when burning. DOT ERG No. : NA

4. FIRST AID MEASURES

EYE CONTACT: Flush thoroughly with water. If irritation occurs, call a physician.

SKIN CONTACT: Wash contact areas with soap and water. (See Section 16 - Injection Injury)

INHALATION: Remove from further exposure. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist ventilation with mechanical device or use mouth-to-mouth resuscitation.

INGESTION: Not expected to be a problem. Seek medical attention if discomfort occurs. Do not induce vomiting.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical and water fog.

SPECIAL FIRE FIGHTING PROCEDURES: This material will not burn; however, use standard chemical fire fighting procedures and consider the hazards of other involved materials. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

SPECIAL PROTECTIVE EQUIPMENT: For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Wax will burn if water evaporates from emulsion. May generate irritating vapors/fumes when burning. Flash Point C(F): NA Flammable limits - LEL: NA, UEL: NA.

NFPA HAZARD ID: Health: 2, Flammability: 0, Reactivity: 0

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide. Paraffin fume.

6. ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES: Report spills/releases as required to appropriate authorities. U.S. Coast Guard and EPA regulations require immediate reporting of spills/releases that could reach any waterway including intermittent dry creeks. Report spill/release to Coast Guard National Response Center toll free number (800)424-8802. In case of accident or road spill notify CHEMTREC (800) 424-9300.

PROCEDURES IF MATERIAL IS RELEASED OR SPILLED: Adsorb on fire retardant treated sawdust, diatomaceous earth, etc. Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.

ENVIRONMENTAL PRECAUTIONS: Prevent spills from entering storm sewers

or drains and contact with soil.
PERSONAL PRECAUTIONS: See Section 8

7. HANDLING AND STORAGE

HANDLING: Avoid breathing vapors/fumes from heated material. See Section 8 for additional personal protection advice when handling this product.

STORAGE: Keep from freezing. Keep containers closed when not in use. Do not store in open or unlabelled containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: Use in well ventilated area.

RESPIRATORY PROTECTION: Approved respiratory equipment must be used when airborne concentrations are unknown or exceed the recommended exposure limit. No special requirements under ordinary conditions of use and with adequate ventilation.

EYE PROTECTION: If eye contact is likely, safety glasses with side shields or chemical type goggles should be worn.

SKIN PROTECTION: If prolonged or repeated skin contact is likely, impervious gloves should be worn. Good personal hygiene practices should always be followed.

Substance Name (CAS-No.)	Source	---TWA---	----STEL---	NOTE
		ppm mg/m3	ppm mg/m3	
FORMALDEHYDE (50-00-0)				
	OSHA	0.75	2	
SENSITIZER	ACGIH		0.3 0.37	CEILING

NOTE: Limits shown for guidance only. Follow applicable regulations.

9. PHYSICAL AND CHEMICAL PROPERTIES

Typical physical properties are given below. Consult Product Data Sheet for specific details.

APPEARANCE: Emulsion

COLOR: Milky Buff

ODOR: Bland

ODOR THRESHOLD-ppm: NE

pH: 7.1

BOILING POINT C(F): > 100(212)

MELTING POINT C(F): NA

FLASH POINT C(F): NA

FLAMMABILITY: NE

AUTO FLAMMABILITY C(F): NA

EXPLOSIVE PROPERTIES: NA

OXIDIZING PROPERTIES: NA

VAPOR PRESSURE-mmHg 20 C: 17.5

VAPOR DENSITY: > 2.0

EVAPORATION RATE: NE
RELATIVE DENSITY, 15/4 C: 1
SOLUBILITY IN WATER: Emulsifies
PARTITION COEFFICIENT: > 3.5
VISCOSITY AT 40 C, cSt: NA
VISCOSITY AT 100 C, cSt: NA
POUR POINT C(F): NA
FREEZING POINT C(F): NE
VOLATILE ORGANIC COMPOUND: NE

NA=NOT APPLICABLE NE=NOT ESTABLISHED D=DECOMPOSES

FOR FURTHER TECHNICAL INFORMATION, CONTACT YOUR MARKETING REPRESENTATIVE

10. STABILITY AND REACTIVITY

STABILITY (THERMAL, LIGHT, ETC.): Stable.
CONDITIONS TO AVOID: Heat/freezing temperatures.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide. Paraffin fume.
HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL DATA

---ACUTE TOXICOLOGY---

ORAL TOXICITY (RATS): Practically non-toxic (LD50: greater than 2000 mg/kg). ---Based on testing of similar products and/or the components.
DERMAL TOXICITY (RABBITS): Practically non-toxic (LD50: greater than 2000 mg/kg). ---Based on testing of similar products and/or the components.
INHALATION TOXICITY (RATS): Not established
EYE IRRITATION (RABBITS): Practically non-irritating. (Draize score: greater than 6 but 15 or less). ---Based on testing of similar products and/or the components.
SKIN IRRITATION (RABBITS): Practically non-irritating. (Primary Irritation Index: greater than 0.5 but less than 3). ---Based on testing of similar products and/or the components.

---CHRONIC TOXICOLOGY (SUMMARY)---

****This product contains formaldehyde which has caused nasal cancer at 15 ppm in rats. NIOSH recommends formaldehyde be handled as a suspected human carcinogen.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND EFFECTS:

This environmental assessment was conducted using information on the individual components as no test data was available for this specific formulation.

ECOTOXICITY: The major components in the formulation show no aquatic toxicity at 1000 mg/L loading, therefore long-term adverse

effects in the aquatic environment are not expected.

MOBILITY: Not established.

PERSISTENCE AND DEGRADABILITY: This product is expected to be inherently biodegradable, as the principal components have been shown to degrade at slow to moderate rates.

BIOACCUMULATIVE POTENTIAL: Not established.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: The product is suitable for processing by an approved recycling facility or can be disposed of at any government approved waste disposal facility. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.

RCRA INFORMATION: The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity, or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.

14. TRANSPORT INFORMATION

USA DOT: NOT REGULATED BY USA DOT.

RID/ADR: NOT REGULATED BY RID/ADR.

IMO: NOT REGULATED BY IMO.

IATA: NOT REGULATED BY IATA.

15. REGULATORY INFORMATION

Governmental Inventory Status: All components comply with TSCA.

EU Labeling: EU labeling not required.

U.S. Superfund Amendments and Reauthorization Act (SARA) Title III:
This product contains no "EXTREMELY HAZARDOUS SUBSTANCES".

SARA (311/312) REPORTABLE HAZARD CATEGORIES:
CHRONIC

This product contains no chemicals subject to the supplier notification requirements of SARA (313) toxic release program.

The following product ingredients are cited on the lists below:

CHEMICAL NAME	CAS NUMBER	LIST CITATIONS *
PARAFFIN WAX FUME		1, 10, 19, 20, 23
FORMALDEHYDE (0.07%)	50-00-0	1, 3, 5, 7, 9, 22, 25

--- REGULATORY LISTS SEARCHED ---

1-ACGIH ALL	6-IARC 1	11-TSCA 4	16-CA P65 CARC	21-LA RTK
2-ACGIH A1	7-IARC 2A	12-TSCA 5a2	17-CA P65 REPRO	22-MI 293
3-ACGIH A2	8-IARC 2B	13-TSCA 5e	18-CA RTK	23-MN RTK
4=NTP CARC	9=OSHA CARC	14-TSCA 6	19=FJ RTK	24=NJ RTK
5=NTP SUS	10=OSHA Z	15-TSCA 12b	20=IL RTK	25=PA RTK
				26=RI RTK

* EPA recently added new chemical substances to its TSCA Section 4 test rules. Please contact the supplier to confirm whether the ingredients in this product currently appear on a TSCA 4 or TSCA 12b list.

Code key:CARC=Carcinogen; SUS=Suspected Carcinogen; REPRO=Reproductive

16. OTHER INFORMATION

Precautionary Label Text:

CONTAINS FORMALDEHYDE

CAUTION!

PRODUCT MAY BE CAPABLE OF GENERATING > 0.1 PPM FORMALDEHYDE VAPORS UNDER CERTAIN USE CONDITIONS.

POTENTIAL CANCER HAZARD.

Avoid breathing vapors or fumes. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician immediately.

For industrial use only. Not intended or suitable for use in or around a household or dwelling.

This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm. Refer to product Material Safety Data Sheet for further safety and health information.

USE: WAX EMULSION

NOTE: PRODUCTS OF EXXON MOBIL CORPORATION AND ITS AFFILIATED COMPANIES ARE NOT FORMULATED TO CONTAIN PCBS.

Please call the Customer Response Center on 800-662-4525 for formulation disclosure.

For Internal Use Only: MHC: 1* 1* NE 1* 1*, MPPEC: A, TRN: 800102-00,
ELIS: 400320, CMCS97: 970616, REQ: US - MARKETING, SAFE USE: G
EHS Approval Date: 10MAY2002

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