



362392-01 CONDENSATE & STEAM
MATERIAL SAFETY DATA BULLETIN

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: CONDENSATE & STEAM
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 on Internet: <http://www.exxon.com>
<http://www.mobil.com>

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

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAMES AND SYNONYMS: WATER

INGREDIENTS CONSIDERED HAZARDOUS TO HEALTH:

This product is not formulated to contain ingredients which have exposure limits established by U.S. agencies. It is not hazardous to health as defined by the European Union Dangerous Substances/Preparations Directives. See Section 15 for a regulatory analysis of the ingredients.

See Section 8 for exposure limits (if applicable).

3. HAZARDS IDENTIFICATION

US OSHA HAZARD COMMUNICATION STANDARD: Product assessed in accordance with OSHA 29 CFR 1910.1200 and determined to be hazardous.
EFFECTS OF OVEREXPOSURE: **** Warning: H₂S a highly toxic gas may be present, see MSDS toxicology section. Contact with hot material may cause skin burns.
EMERGENCY RESPONSE DATA: Colorless Vapor/liquid. DOT ERG No. : NA

4. FIRST AID MEASURES

EYE CONTACT: Flush thoroughly with water for at least 15 minutes. Get immediate medical assistance.
SKIN CONTACT: Flush thoroughly with water for at least 15 minutes. Get immediate medical assistance.
INHALATION: Not expected to be a problem.
INGESTION: Not expected to be a problem.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Not applicable.
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: Fire fighters must use recommended protective equipment.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None. Flash Point C(F): NA
Flammable limits - LEL: NA, UEL: NA.
NFPA HAZARD ID: Health: 0, Flammability: 0, Reactivity: 0
HAZARDOUS DECOMPOSITION PRODUCTS: None.

6. ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES: Report spills as required to appropriate authorities. U. S. Coast Guard regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks. Report spill to Coast Guard 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: Allow vapor to evaporate and divert liquid to sewer.
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 all personal contact. Trace amounts of H₂S may be present. Keep face clear of tank and/or tank car openings.
STORAGE: Do not store in open or unlabelled containers. Store away from strong oxidizing agents or combustible material.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: No special equipment required.
RESPIRATORY PROTECTION: Use approved respiratory protective equipment in spaces where H₂S vapors may accumulate.
EYE PROTECTION: Chemical type goggles and/or face shield should be worn if contact may occur.
SKIN PROTECTION: Thermally protective gloves must be worn when handling

this material.
EXPOSURE LIMITS: This product does not contain any components which have recognized exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

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

APPEARANCE: Vapor/liquid
COLOR: Colorless
ODOR: Odorless
ODOR THRESHOLD-ppm: NE
pH: 7.0
BOILING POINT C(F): 100(212)
MELTING POINT C(F): 0(32)
FLASH POINT C(F): NA
FLAMMABILITY: NE
AUTO FLAMMABILITY C(F): NA
EXPLOSIVE PROPERTIES: NA
OXIDIZING PROPERTIES: NA
VAPOR PRESSURE-mmHg 20 C: NE
VAPOR DENSITY: NE
EVAPORATION RATE: NE
RELATIVE DENSITY, 15/4 C: 1
SOLUBILITY IN WATER: Complete
PARTITION COEFFICIENT: NE
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: None
INCOMPATIBILITY (MATERIALS TO AVOID): No problems expected.
HAZARDOUS DECOMPOSITION PRODUCTS: None.
HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL DATA

---ACUTE TOXICOLOGY---

ORAL TOXICITY (RATS): LD50: > 15 g/kg Practically non-toxic.
DERMAL TOXICITY (RABBITS): LD50: > 5 g/kg Practically non-toxic.
INHALATION TOXICITY (RATS): Practically non-toxic.
EYE IRRITATION (RABBITS): Practically non-irritating.
SKIN IRRITATION (RABBITS): Practically non-irritating.
OTHER ACUTE TOXICITY DATA: H2S acts as a chemical asphyxiant, preventing the body from utilizing oxygen in the tissue. It can be irritating

to the eyes at 10 ppm and to the respiratory tract at 50-100 ppm after 1-hour exposure. Sufficiently high concentrations can result in immediate collapse and death.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND EFFECTS:

ECOTOXICITY: Not established.

MOBILITY: Not established.

PERSISTENCE AND DEGRADABILITY: Not established.

BIOACCUMULATIVE POTENTIAL: Not established.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Allow vapor to evaporate and divert liquid to sewer.

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.

IMO: NOT REGULATED BY IMO.

IATA: NOT REGULATED BY IATA.

15. REGULATORY INFORMATION

Governmental Inventory Status: All components comply with TSCA, and EINECS/ELINCS.

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

SARA (311/312) REPORTABLE HAZARD CATEGORIES:
ACUTE

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
---------------	------------	----------------

*** NO REPORTABLE INGREDIENTS ***

--- 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=FL RTK	24=NJ RTK
5=NTP SUS	10=OSHA Z	15=TSCA 12b	20=IL RTK	25=PA RTK
				26=RI RTK

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

16. OTHER INFORMATION

USE: HEAT SOURCE

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

INGREDIENT DESCRIPTION

PERCENT CAS NUMBER

WATER	100	7732-18-5
-------	-----	-----------

For Internal Use Only: MHC: 0 0 0 0 0, MPPEC: D, TRN: 362392-01, REQ:
US - MANUFACTURING, SAFE USE: G
EHS Approval Date: 02SEP1994

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user and WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IN RESPECT TO THE USE OR SUITABILITY OF THE PRODUCT. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users. Alteration of this document is strictly prohibited. Except to the extent required by law, republication or retransmission of this document, in whole or in part, is not permitted. Exxon Mobil Corporation and its affiliated companies assume no responsibility for accuracy of information unless the document is the most current available from an official ExxonMobil distribution system. Exxon Mobil Corporation and its affiliated companies neither represent nor warrant that the format, content or product formulas contained in this document comply with the laws of any other country except the United States of America.

Prepared by: ExxonMobil Oil Corporation
Environmental Health and Safety Department, Clinton, USA