

MATERIAL SAFETY DATA SHEET

JOHN DEERE 308 LUBRICANT

MSDS ID: IC0490

Revised: 10-21-2008

Replaces: 09-07-2005

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: JOHN DEERE 308 LUBRICANT
MSDS ID: IC0490
Synonyms: Potassium Cocoate
CAS Number: PROPRIETARY
Chemical Family: Liquid Soap
Formula: Proprietary Information

DISTRIBUTED BY:
Hydrite Chemical Co.
300 N. Patrick Blvd.
Brookfield, WI 53008-0948
(262) 792-1450

EMERGENCY RESPONSE NUMBERS:
24 Hour Emergency #: (414) 277-1311
CHEMTREC Emergency #: (800) 424-9300

MANUFACTURED BY: HYDRITE CHEMICAL CO.

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: CAUTION! Causes eye irritation. May cause skin and respiratory irritation. May cause digestive tract irritation. May be harmful if inhaled. Spills of this product are slippery.

Physical State: Slightly viscous liquid.
Color: Light yellow to amber.
Odor: Soap like odor.

POTENTIAL HEALTH EFFECTS

Routes Of Exposure: Eyes. Ingestion. Inhalation.

Target Organs: Eyes. Skin. Respiratory System.

Eye Contact: Causes: irritation. Prolonged contact may cause: eye damage.

Skin Contact: No hazard expected under normal use. Prolonged contact may cause: irritation.

Skin Absorption: No absorption hazard expected under normal use.

Inhalation: No hazard expected under normal use. Mists may irritate: mucous membranes. respiratory tract. Depending on the severity of exposure, may cause: lung damage. chemical pneumonitis.

Ingestion: May cause severe irritation. Large amounts may cause: nausea. vomiting. diarrhea. pain. swelling of the larynx.

Medical Conditions Aggravated By Exposure To Product: Skin disorders. Respiratory system disorders.

Other: None known.

Cancer Information: This product does not contain 0.1% or more of the known or potential carcinogens listed in NTP, IARC, or OSHA.

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Potential Environmental Effects: See Section 12.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS Number</u>	<u>OSHA Hazard</u>	<u>% by Wt.</u>
John Deere 308 Lubricant	PROPRIETARY	YES	100 %

4. FIRST-AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Tilt head to avoid contaminating unaffected eye. Get immediate medical attention.

Skin Contact: Flush skin with plenty of water while removing contaminated clothing and shoes. Do not reuse clothing or shoes until cleaned. If irritation develops or persists, get medical attention.

Inhalation: Remove to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration, preferably mouth-to-mouth. GET MEDICAL ATTENTION IMMEDIATELY.

Ingestion: If swallowed, call a physician immediately. DO NOT induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Give several glasses of water to drink to dilute.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Dry chemical. Carbon dioxide. Water spray. Water fog. Foam. Sand/Earth.

Fire Fighting Methods: Evacuate area of unprotected personnel. Wear protective clothing including NIOSH-approved self-contained breathing apparatus. Remain upwind of fire to avoid hazardous vapors and decomposition products. Use water spray to cool fire-exposed containers. CAUTION: Spilled material is slippery.

Fire And Explosion Hazards: No unusual fire and explosion hazards.

Hazardous Combustion Products: Carbon dioxide. Carbon monoxide. Nitrogen oxides. Toxic vapors.

6. ACCIDENTAL RELEASE MEASURES

Spill Clean-Up Procedures: Maintain adequate ventilation. Follow personal protective equipment recommendations found in Section 8. CAUTION: Spilled material is slippery. Contain spill, place into drums for proper disposal. Soak up residue with inert absorbent material. Place in non-leaking containers for immediate disposal. Flush remaining area with plenty of water to remove trace residue and dispose of properly. Avoid direct discharge to sewers and surface waters. Notify authorities if entry occurs.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin, and clothing. Use with adequate ventilation. Do not swallow. Wash thoroughly after handling. Promptly clean up spills.

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Storage: Store in a cool, dry place. Keep away from incompatible materials. Keep containers tightly closed. Protect containers against physical damage. Store above 40 Deg. F. and below 120 Deg. F.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

<u>Component</u>	<u>OSHA PEL</u>	<u>OSHA STEL/C</u>	<u>ACGIH TWA</u>	<u>ACGIH STEL/C</u>
John Deere 308 Lubricant	Not Estab.	Not Estab.	Not Estab.	Not Estab.

Engineering Controls: Not required for normal use. Avoid creating dust or mist. Do not use in closed or confined spaces.

Eye/Face Protection: Wear chemical safety goggles while handling this product. Do not wear contact lenses. Wear additional eye protection such as a face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material.

Skin Protection: Material is not considered a skin contact hazard; however, it is advised that personnel minimize skin contact.

Respiratory Protection: None required under normal use.

Other Protective Equipment: Eye-wash station. Safety shower. NOTE: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

General Hygiene Conditions: Wash with soap and water before meal times and at the end of each work shift.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Slightly viscous liquid.

Color: Light yellow to amber.

Odor: Soap like odor.

Boiling Point (deg. F): 212

Freezing Point (deg. F): N.D.

Melting Point (deg. F): N.A.

Vapor Pressure (mm Hg): N.A.

Vapor Density (air=1): N.A.

Solubility in Water: Complete

pH: 9-11 (as is)

Specific Gravity: 1.03

% Volatile (wt%): 60%

Evaporation Rate (nBuAc = 1): N.A.

VOC (wt%): N.D.

VOC (lbs/gal): N.D.

Viscosity: N.D.

Flash Point: > 200 Deg. F.

Flash Point Method: PMCC.

Lower Explosion Limit: N.A.

Upper Explosion Limit: N.A.

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Autoignition Temperature: No Data

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions To Avoid: Avoid excessive heat.

Incompatible Materials: Strong acids. Strong oxidizing agents.

Hazardous Decomposition Products: Carbon dioxide. Carbon monoxide. Nitrogen oxides. Toxic vapors.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur under normal conditions.

11. TOXICOLOGICAL INFORMATION

LD50 Oral: No Data

LD50 Skin: No Data

LC50 Inhalation: No Data

12. ECOLOGICAL INFORMATION

Ecotoxicological Information: This material is expected to be toxic to aquatic life.

Chemical Fate Information: No data available.

13. DISPOSAL CONSIDERATIONS

Hazardous Waste Number: N.A.

Disposal Method: Dispose of in accordance with all local, state and federal regulations. Since emptied containers retain product residue, follow label warnings even after container is emptied. The information offered here is for the product as shipped. Use and/or alteration to the product such as mixing with other materials may significantly change the characteristics of the material and alter the RCRA classification and the proper disposal method.

14. TRANSPORTATION INFORMATION

DOT (Department of Transportation):

Proper Shipping Name: Not regulated by the DOT.

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA Inventory Status: All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

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SARA Title III Section 311/312 Category:

Immediate (Acute) Health Hazard: Yes

Delayed (Chronic) Health Hazard: No

Fire Hazard: No

Sudden Release Of Pressure Hazard: No

Reactive Hazard: No

SARA Section 302/304/313/HAP:

Component

John Deere 308 Lubricant

CERCLA RQ

N.A.

SARA RQ

N.A.

SARA TPQ

N.A.

SARA 313

NO

U.S. HAP

NO

U.S. STATE REGULATIONS

California - The following components are listed under Proposition 65:

No data available.

Wisconsin - The following components are listed as a Wisconsin HAP:

None.

16. ADDITIONAL INFORMATION

Hydrite Rating System

Health: 1

Flammability: 0

Reactivity: 0

* = Chronic Health Hazard

NFPA Rating System

Health: 1

Flammability: 0

Reactivity: 0

Special Hazard: None

MSDS Abbreviations

N.A. = Not Applicable

N.D. = Not Determined

HAP = Hazardous Air Pollutant

VOC = Volatile Organic Compound

C = Ceiling Limit

N.E./Not Estab. = Not Established

MSDS Prepared by: LW

Reason for Revision: Changes made throughout the MSDS.

The data in this Material Safety Data Sheet relates to the specific material designated and does not relate to its use in combination with any other material or process. The data contained is believed to be correct. However, since conditions of use are outside our control it should not be taken as warranty or representation for which HYDRITE CHEMICAL CO. assumes legal responsibility. This information is provided solely for your consideration, investigation, and verification.

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