SAFETY DATA SHEET

JOHN DEERE 308 LUBRICANT
Product ID: IC049001
Revised: 05-13-2015
Replaces: 10-18-2011

1. IDENTIFICATION

Product Identifier:	JOHN DEERE 308 LUBRICANT
Other Identifiers:	Potassium Cocoate
CAS Number:	PROPRIETARY
Recommended Use:	No data available.
Restrictions on Use:	No data available.

Hydrite Chemical Co.
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(262) 792-1450

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

2. HAZARD(S) IDENTIFICATION

GHS Classification(s): This product is not classified as defined by OSHA 29 CFR 1910.1200.

GHS Label Elements:

Hazards Not Otherwise Classified: None known.

Percentage of Components with Unknown Acute Toxicity:

Oral:	39 %
Dermal:	36.5 %
Inhalation Vapor:	36.5 %
Inhalation Dust/Mist:	36.5 %

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances/Mixtures:

Chemical or Common Name/Synonyms	CAS Number	% by Wt.
This material is considered not hazardous as defined by OSHA 29 CFR 1910.1200.		

While this material is not classified as hazardous under OSHA regulations, this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

4. FIRST-AID MEASURES

Description of Necessary Measures:

Eye Contact: If in eyes: 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. Occasionaly lift upper and lower eyelids and continue flushing.

Skin Contact: If on skin: 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. Wash with soap and water.

Inhalation: If inhaled: 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.

Most Important Symptoms/Effects, Acute and Delayed:

Eye Contact: May cause mild to severe irritation.

Skin Contact: May cause mild irritation.

Skin Absorption: No absorption hazard expected under normal use.

Inhalation: May cause mild irritation.

Ingestion: May cause mild to severe irritation. Large amounts may cause: nausea. vomiting. diarrhea.

Indication of Immediate Medical Attention and Special Treatment Needed: There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Dry chemical. Carbon dioxide. Water spray. Water fog.

Specific Hazards Arising from the Chemical:

Fire and Explosion Hazards: None known. No unusual fire and explosion hazards.

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

Special Protective Equipment and Precautions for Fire-Fighters: 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.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, Emergency Procedures: Maintain adequate ventilation. Follow personal protective equipment recommendations found in Section 8.

Methods and Materials for Containment and Clean Up: 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

Precautions for Safe Handling: Avoid contact with eyes, skin, and clothing. Use with adequate ventilation. Do not swallow. Wash thoroughly after handling. Promptly clean up spills. Do not add nitrites or other nitrosating agents. A nitrosamine, which may cause cancer, may be formed.

Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, dry place. Keep away from incompatible materials. Keep containers tightly closed. Protect containers against physical damage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA Exposure Guidelines:

Component	Limits
No components found.	

ACGIH Exposure Guidelines:

Component	Limits

No components found.

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

Individual Protection Measures:

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. Protective gloves: Chemical-resistant.

Respiratory Protection: None required under normal use. If vapors or mists are present, wear: NIOSH-Approved air purifying respirator. DO NOT exceed limits established by the respirator manufacturer. All respiratory protection programs must comply with OSHA 29 CFR 1910.134 and ANSI Z88.2 requirements and must be followed whenever workplace conditions require a respirator's use.

Other Protective Equipment: Eye-wash station. Safety shower.

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.
Odor Threshold: N.D.
pH: N.A.
Freezing Point (deg. F): N.D.
Melting Point (deg. F): N.A.
Initial Boiling Point or Boiling Range: N.A.
Flash Point: > 212 °F
Flash Point Method: N.A.
Evaporation Rate (nBuAc = 1): N.A.
Flammability (solid, gas): N.D.
Lower Explosion Limit: N.A.
Upper Explosion Limit: N.A.
Vapor Pressure (mm Hg): N.A.
Vapor Density (air=1): N.A.
Specific Gravity or Relative Density: 0.97
Solubility in Water: Complete
Partition Coefficient (n-octanol/water): N.D.
Autoignition Temperature: No Data
Decomposition Temperature: N.D.
Viscosity: N.D.
% Volatile (wt%): N.D.
VOC (wt%): N.D.
VOC (lbs/gal): N.D.
Fire Point: N.D.

10. STABILITY AND REACTIVITY

Reactivity: No data available.

Chemical Stability: Stable under normal conditions.

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

Conditions to Avoid: Avoid excessive heat.

Incompatible Materials: Strong acids. Strong oxidizing agents. Strong bases.

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

11. TOXICOLOGICAL INFORMATION

Routes of Exposure: Eyes. Ingestion. Inhalation. Skin.

Symptoms/Effects: Acute, Delayed and Chronic:

Eye Contact: May cause mild to severe irritation.

Skin Contact: May cause mild irritation.

Skin Absorption: No absorption hazard expected under normal use.

Inhalation: May cause mild irritation.

Ingestion: May cause mild to severe irritation. Large amounts may cause: nausea. vomiting. diarrhea.

Numerical Measures of Toxicity:

Component	Oral LD50	Dermal LD50	Inhalation LC50
No components found or no data available for product.			

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

Medical Conditions Aggravated by Exposure to Product: Skin disorders. Respiratory system disorders.

Other: None known.

12. ECOLOGICAL INFORMATION

Ecotoxicological Information: No data available.

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.

14. TRANSPORT INFORMATION

DOT (Department of Transportation):

Proper Shipping Name: Not regulated by the DOT.

15. REGULATORY INFORMATION

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

SARA Title III Section 311/312 Category Hazards:

Immediate (Acute)	Delayed (Chronic)	Fire Hazard	Pressure Release	Reactive
No	No	No	No	No

Regulated Components: Component	CAS Number	CERCLA RQ	SARA EHS	SARA 313	U.S. HAP	WI HAP	Prop 65
No components found.							

***Prop 65 - May Contain the Following Trace Components:**
No data available.

16. OTHER INFORMATION

Hazard Rating System
Health: 1
Flammability: 1
Reactivity: 0
* = Chronic Health Hazard

NFPA Rating System
Health: 1
Flammability: 1
Reactivity: 0
Special Hazard: None

SDS 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

SDS Prepared by: CSH

Reason for Revision: New format.

Revised: 05-13-2015
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The data in this 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.