

M a t e r i a l S a f e t y D a t a S h e e t

A. B. Chance Company
210 N. Allen Street
Centralia, Missouri 65240

Product: CHANCE TOOL LUBRICANT
Internal ID: M1909

MSDS No: ABC / C22
Revision: 2
Date: October 23, 1985

National Paint and Coatings Association Hazardous Material Identification System	HEALTH HAZARD	1 - Slight
	FLAMMABILITY HAZARD	1 - Slight
	REACTIVITY HAZARD	0 - Minimal
	PERSONAL PROTECTION	B - Glasses, Gloves

SECTION I. MATERIAL IDENTIFICATION

Trade/Material Name: CHANCE TOOL LUBRICANT

Description: Petroleum hydrocarbon grease with oil-like odor.

Other Designations: Grease, lubricant, S3722.

CAS: Mixture

Chemical Name: Mixture see Section II.

Manufacturer: A. B. Chance Company
210 N. Allen
Centralia, Missouri 65240

Phone: DAYS 573-682-8543
NIGHTS/WEEKENDS 573-682-8727

SECTION II. INGREDIENTS AND HAZARDS

Ingredient Name:	CAS Number:	Percent:	Exposure Limits:
Severely hydrotreated, heavy naphthenic dist.	64742-52-5	50 - 60	*
Solvent refined hydrotreated residual oil.	64742-57-0	25 - 30	*
Lithium hydrostearate.	7620-77-1	10	*
Sulfurized lard oil.	61790-49-6	7	*
Naphthenic acids, lead salts.	61790-14-5	2.5	*

* For total mixture: Acute Oral LD50: >15ml/kg (rat). Acute Dermal LD50: >2 ml/kg (rabbit).

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SECTION III. PHYSICAL DATA

Appearance & Odor: Dark Brown, Smooth, Slight Odor.

Water solubility (%): Negligible.

Specific gravity (H₂O=1): ca. 0.90
Melting point: (Dropping Point):
351°F.

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (method): 221°C FMCC (Base oil).

Extinguishing Media: Use water fog, dry chemical or CO₂. Do not use a direct stream of water. Product will float and can be reignited on surface of water.

Unusual fire or explosion hazards: Slightly combustible! When heated above its flash point, this material will release flammable vapors which can burn in the open or be explosive in confined spaces if exposed to an ignition source. Mists or sprays may be flammable at temperatures below the normal flash point. Keep away from extreme heat and open flame. Sulfur oxides and hydrogen sulfide, both of which are toxic, may be released upon combustion.

Special fire-fighting procedures: For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment. This may include self-contained breathing apparatus to protect against the hazardous effects of combustion products and oxygen deficiencies. Cool tanks and containers exposed to fire with water. Improper use of water and extinguishing media containing water may cause frothing which can spread the fire over a larger area.

SECTION V. REACTIVITY DATA

Material is stable Hazardous polymerization will not occur

Chemical incompatibilities: Strong acids, alkalis, and oxidizers such as liquid chlorine and oxygen.

Conditions to avoid: Extreme heat, open flame and contact with oxidizing agents.

Hazardous decomposition Products: Thermal decomposition products are highly dependent on the combustion conditions. A complex mixture of airborne solid, liquid particulates and gases will evolve when this material undergoes pyrolysis or combustion. Carbon monoxide, sulfur oxides, lead oxides and unidentified organic compounds may be formed upon combustion.

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SECTION VI. HEALTH HAZARD INFORMATION

Summary of risks: No reports of lead toxicity have been associated with this product. However, skin contact may result in absorption of lead into the blood stream which potentially could result in lead toxicity or adverse reproductive effects. Sufficient lead absorption is known to cause damage to bone marrow (anemia). Nervous system (brain and peripheral nerve), kidney and toxicity of bowel (colic). Handling procedures and safety precautions should be followed to minimize employee exposure.

Chronic effect(s): Prolonged and/or repeated skin contact may produce mild skin irritation and inflammation.

Signs & symptoms of overexposure:

Eye contact: Mild irritation.

Skin contact: Prolonged or repeated contact may cause various skin disorders such as dermatitis, folliculitis or oil acne and may result in the absorption of lead. Release during high pressure usage may result in injection of oil into the skin causing local necrosis.

Inhalation: Not expected to be a relevant route of exposure, however, under high temperature conditions, vapors irritation to the nose, throat and upper respiratory tract may be produced.

Ingestion: Swallowing this material may cause gastrointestinal disturbances such as nausea, vomiting, and diarrhea and may result in the absorption of lead.

First aid:

Eye contact: Flush eyes with clean, low-pressure water for at least 15 minutes, occasionally lifting the eyelids. If pain or redness persists after flushing, obtain medical attention.

Skin contact: Remove by wiping; then wash skin thoroughly with plenty of soap and water. Remove contaminated clothing and thoroughly clean before reuse. Discard contaminated leather gloves and shoes. If irritation persists, get medical attention. If material is injected under the skin, get medical attention promptly to prevent serious damage; do not wait for symptoms to develop.

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention.

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HEALTH HAZARD INFORMATION continued from page 3

Ingestion: Do not induce vomiting. In general, no treatment is necessary unless large quantities of product are ingested. However, get medical advice.

Personnel with pre-existing skin disorders should avoid contact with this product.

SECTION VII. SPILL, LEAK AND DISPOSAL PROCEDURES

Spill / Leak procedures: Scoop up excess grease. Clean area with appropriate cleaner.

Waste management / Disposal: Follow Federal, State and Local Regulations.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Personal protective equipment:

Goggles: Safety glasses should be adequate protection under normal conditions of use. If potential exposure to high-pressure material exists, then a face shield and/or chemical goggles are also recommended.

Gloves: Avoid prolonged and/or repeated skin contact, or wear impervious protective clothing. Hands or other potential skin contact areas should be washed with soap and water when leaving work.

Workplace considerations:

Safety stations:

Access to eye wash stations is recommended.

Wash hands with plenty of soap and water before eating, drinking, smoking, or use of toilet facilities. Do not use gasoline, solvents, kerosene, or harsh abrasive skin cleaners for washing exposed skin areas. Take a shower after work in general contact occurs. Remove oil-soaked clothing and launder before reuse. Launder or discard contaminated leather gloves and shoes.

SECTION IX. SPECIAL PRECAUTIONS

Other precautions: High-pressure skin injection injuries: Hydrocarbons which are handled in high-pressure grease guns or hydraulic lines may be accidentally injected into the eyes, skin and/or underlying tissue. Hydrocarbons injected into underlying tissues are not readily removed by body fluids and can cause pain, rapid swelling, chemical irritation and infection. Workers must be trained in the danger of this type of injury and should seek special medical attention if injected accidentally.

The components of this product are listed on the EPA/TSCA Inventory of Chemical

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Substances.

In accordance with SARA TITLE III, Section 313, the EDS should always be copied and sent with the MSDS. EDS NO: 57,000-1.
The following chemical is specifically listed in the State of California: Naphthenic acids, lead salts (CAS NO: 61790-14-5), 2.5 %, State Code: CA65.

DOT Class: Not Regulated. **UN Register:** Not Regulated.
Data source code(s): Suppliers' MSDS Sheet.

Prepared/revised by: BILL EMERY ENVIRONMENTAL MGR.

March 26, 1996

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