



SAFETY DATA SHEET

Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHS Inc.
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Technical Information: 1-651-355-8443
SDS Information: 1-651-355-8445

PRODUCT NAME: WHITE PACKER OIL

SDS: 0134-H9A0 - Rev. E, 04/16/2013

COMMON NAME: NSF/USP/Food Grade White Oil
Dust Suppressant Oil

CHEMICAL FORMULA: Mixture

CHEMICAL NAME: White Mineral Oil

CHEMICAL FAMILY: Hydrocarbon

Section 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This material has no known hazards and meets all federal regulations to permit the use on food and grain processing for human and animal consumption.

POTENTIAL HEALTH EFFECTS

ROUTES OF ENTRY: (Eye Contact, Dermal, Inhalation.)

ACUTE EFFECTS OF OVER EXPOSURE:

Eyes – No significant health hazards identified

Skin - No significant health hazards identified.

Inhalation - No significant health hazards identified.

Ingestion – Negligible effect; may act as laxative

CHRONIC EFFECTS OF OVER EXPOSURE: No adverse effects anticipated.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Existing dermatitis and respiratory conditions.

CARCINOGENICITY: NTP: No IARC: No OSHA: No

Section 3 - COMPOSITION AND INFORMATION ON INGREDIENTS

INGREDIENTS	PERCENTAGES (by weight)	PEL (OSHA)	TLV (ACGIH)	CAS #
Light mineral oil, NF	100%	N/A	5 mg/m ³ TWA (Oil Mist)	8042-47-5

(TWA) - Time Weighted Average is the employee's average airborne exposure in any 8-hour work shift of a 40-hour work week which shall not be exceeded.
(STEL) - Short Term Exposure Limit is the employee's 15-minute time weighted average exposure which shall not be exceeded at any time during a work day unless another time limit is specified.

Section 4 - FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

Eye Contact - If material comes in contact with the eyes, immediately wash the eyes with large amounts of water for fifteen minutes, occasionally lifting the lower and upper lids. Get medical attention.

Skin Contact - If the material comes in contact with the skin, wash the contaminated skin with soap and water promptly. If the material penetrates through clothing, remove the clothing and wash the skin with soap and water promptly. If irritation persists after washing, get medical attention immediately.

Inhalation - If person breathes in large amounts of material, move the exposed person to fresh air at once. If breathing has stopped, perform artificial respiration. Keep the person warm and at rest. Get medical attention as soon as possible.

Ingestion - If material has been swallowed, do not induce vomiting. Get medical attention immediately.

Section 5 - FIRE - FIGHTING MEASURES

FLASH POINT: 350°F (146°C) minimum

AUTO IGNITION TEMP: >NA

FLAMMABLE LIMITS IN AIR
% BY VOLUME

LOWER
N/A

UPPER
N/A

EXTINGUISHING MEDIA: Use water spray to cool fire exposed surfaces and to protect personnel. Use foam, dry chemical or water spray (fog) to extinguish fire.

SPECIAL FIRE FIGHTING PROCEDURES: When fighting fires wear full turnout gear and self contained breathing apparatus. Water may cause splattering. Material floats on water.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Toxic fumes gases or vapors may evolve on burning.

HAZARD RATINGS:	NFPA 704:	Health- <u>0</u>	Fire- <u>1</u>	Reactivity- <u>0</u>
	HMIS:	Health- <u>0</u>	Fire- <u>1</u>	Reactivity- <u>0</u>

Section 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO TAKE IF MATERIAL IS RELEASED OR SPILLED: Personal protective equipment should be worn. Ventilate area if confined or poorly ventilated. Contain with dikes or absorbent to prevent migration to sewers/streams. Take up small spill with dry chemical absorbent; large spills may require pump or vacuum prior to absorbent. May require excavation of severely contaminated soil. Avoid contact with skin and eyes.

Section 7 - HANDLING AND STORAGE

HANDLING AND STORING: Store in closed container away from all ignition sources. No special requirements for handling. Wash thoroughly after handling. Do not store at temperatures exceeding 113°F (45° C). Odorous and toxic fumes may form from the decomposition of this product if stored at excessive temperatures for extended periods of time. Keep containers closed when not in use.

Section 8 - EXPOSURE CONTROL - PERSONAL PROTECTION

ENGINEERING CONTROLS: Ventilate to control mists and vapors below exposure limits.

RESPIRATORY EQUIPMENT: Normally not required, if exposure limits are exceeded use a Niosh approved organic vapor respirator. Self contained breathing apparatus is recommended for entry into confined spaces or other poorly ventilated areas and for large spill clean-up sites.

EYE PROTECTION: Chemical goggles or faceshield recommended to minimize eye contact.

PROTECTIVE CLOTHING: Impervious (nitrile) gloves recommended when handling material to minimize exposure. Long sleeve shirts, chemically protective aprons and chemically protective boots are recommended for contact exposure or spill clean-up. Do not wear watches, rings or similar apparel that could entrap the material next to the skin.

OTHER (SAFETY SHOWERS, EYE WASH STATIONS, ETC.): Water should be available for flushing and washing when exposure exists. Launder soiled clothes. Discard shoes or other leather articles saturated with the material.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Colorless liquid

ODOR: Odorless

BOILING POINT: > ND

SPECIFIC GRAVITY (water=1): 0.839-0.869

VAPOR PRESSURE: <5 mm Hg 72° F

VAPOR DENSITY (air=1): <1

SOLUBLE IN WATER: Negligible in water

EVAPORATION RATE (ether=1): Approx. 0

Section 10 - STABILITY AND REACTIVITY

pH: N/D

STABILITY:

STABLE (At room temperature and pressure. See handling and storage section)

UNSTABLE

INCOMPATIBILITY -

CONDITIONS TO AVOID: See handling and storage section.

MATERIALS TO AVOID: Acids, oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Smoke, carbon monoxide, aldehydes, hydrogen sulfide and alkyl mercaptans may be released. Under combustion conditions, oxides of the following elements will be formed: Magnesium, calcium, nitrogen, sulfur, carbon.

HAZARDOUS POLYMERIZATION: Will not occur.

Section 11 - TOXICOLOGY INFORMATION

Note: CHS has not conducted specific toxicity tests on this product.

Section 12 - ECOLOGICAL INFORMATION

Note: CHS has not conducted specific ecological tests on this product.

Section 13 - DISPOSAL CONSIDERATION

WASTE DISPOSAL PROCEDURES: Place contaminated materials in a disposable container and dispose of in accordance with Local, State and Federal environmental regulations.

Section 14 - TRANSPORTATION

DOT PROPER SHIPPING NAME: N/A

DOT HAZARD CLASS: N/A

DOT IDENTIFICATION NUMBER: N/A

DOT EMER. RESPONSE GUIDE NO.: N/A

Section 15 - REGULATORY INFORMATION

This product (does/not) contain toxic chemicals subject to the reporting requirements of SARA Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS Number

Chemical Name

Percent by Weight

SARA SECTION 311-312 HAZARD CATEGORIES (40 CFR 370.2):

FIRE: No **SUDDEN RELEASE OF PRESSURE:** No **REACTIVE:** No **ACUTE:** No **CHRONIC:** No

Food contact status:

- FDA:** This product is approved for use by the FDA under the following sections of 21 CFR:
 - . Part 178.3620(b) as a component of nonfood articles in contact with food when used in accordance with the specifications of this subpart.
 - . Part 573.680 in animal feed, subject to the provisions of this subpart.
- USDA- H1Status:** This product is acceptable to the USDA as a lubricant with incidental food contact for use in official meat and poultry establishments.
 - **3H Status:** This product is acceptable to the USDA for use as a releasing agent on grills, loaf pans, boning blocks or other hard surfaces to help prevent food from adhering during processing.
- This product is certified Kosher and meets other specs like National Formulary/USP, PCPC (Personal Care Products Council) and CFIA (Canadian Food Inspection Agency)

Section 16 - OTHER INFORMATION

DATE: April 16, 2015

Supersedes: December 29, 2003

Reason for Issue: Revised sections 1, 2, 3, 7, 9, and 15

THE INFORMATION CONTAINED IN THIS SDS RELATES ONLY TO THE SPECIFIC MATERIAL IDENTIFIED. IT DOES NOT COVER USE OF THAT MATERIAL IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PARTICULAR PROCESS. IN COMPLIANCE WITH 29 C.F.R. 1910.1200(g), CHS HAS PREPARED THIS SDS IN SEGMENTS, WITH THE INTENT THAT THOSE SEGMENTS BE READ TOGETHER AS A WHOLE WITHOUT TEXTUAL OMISSIONS OR ALTERATIONS. CHS BELIEVES THE INFORMATION CONTAINED HEREIN TO BE ACCURATE, BUT MAKES NO REPRESENTATION, GUARANTEE, OR WARRANTY, EXPRESS OR IMPLIED, ABOUT THE ACCURACY, RELIABILITY, OR COMPLETENESS OF THE INFORMATION OR ABOUT THE FITNESS OF CONTENTS HEREIN FOR EITHER GENERAL OR PARTICULAR PURPOSES. PERSONS REVIEWING THIS SDS SHOULD MAKE THEIR OWN DETERMINATION AS TO THE MATERIAL'S SUITABILITY AND COMPLETENESS FOR USE IN THEIR PARTICULAR APPLICATIONS.



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