



SAFETY DATA SHEET

Dairyland Brand Vacuum Pump Oil

Section 1. Identification

GHS product identifier : Dairyland Brand Vacuum Pump Oil
Other means of identification : ST-0005, ST-0120
 PB70
Product type : Liquid.

Relevant identified uses of the substance or mixture and uses advised against

Product use : Lubricant especially formulated for vacuum pumps
Area of application : Industrial applications, agricultural applications.

Product dilution information : Do not dilute

Supplier/Manufacturer : **STEARNS PACKAGING CORPORATION**
 4200 Sycamore Avenue (53714)
 PO Box 3216
 Madison, WI 53704-0216
 Telephone no.: 800-655-5008
 Fax no.: 608-246-5149
 Website: www.stearnspkg.com

e-mail address of person responsible for this SDS : stearns@stearnspkg.com

Emergency telephone number (with hours of operation) : CHEM-TEL : 800-255-3924

Section 2. Hazards identification

	Product as SOLD
Physical hazards	: Not classified.
Health hazards	: Not classified.
Environmental hazards	: Not classified.
OSHA defined hazards	: Not classified.
<u>Label elements</u>	
Hazard symbol	: None
Signal word	: None
Hazard statements	: The mixture does not meet the criteria for classification.
<u>Precautionary statements</u>	
General	: Keep out of the reach of children.
Prevention	: Observe good industrial hygiene practices.
Response	: Wash hands after handling.
Storage	: Store away from incompatible materials.
Disposal	: Dispose of waste and residues in accordance with local authority requirements.
Hazards not otherwise classified	: Prolonged or repeated contact may dry skin and cause irritation.
Supplemental information	: Not applicable.

Section 3. Composition/information on ingredients

Mixtures

CAS: 8047-47-5

Paraffinic mineral oil

>99%

Section 4. First aid measures

	Product as SOLD
Skin contact	: Wash off with soap and plenty of water.
Eye contact	: Flush eyes with water as a precaution.
Ingestion	: Never give anything by mouth to an unconscious person. Rinse mouth with water.
Most important symptoms/effects, acute and delayed	: Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment needed	: Treat symptomatically.
General information	: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Section 5. Fire-fighting measures

Suitable extinguishing media	: Treat for surrounding material.
Unsuitable extinguishing media	: Not available.
Specific hazards arising from the chemical	: During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire-fighting equipment/instructions	: Move containers from fire area if you can do so without risk.
Specific methods	: Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	: No unusual fire or explosion hazards noted.

Section 6. Accidental release measures

	Product as SOLD
Personal precautions, protective equipment and emergency procedures	: Keep out of low areas. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up : This product is miscible in water. Stop the flow of material, if this is without risk.

Large Spills: Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, basements or confined areas. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions : Avoid discharge into storm water drains, water courses or onto the ground.

Section 7. Handling and storage

Product as SOLD

Precautions for safe handling : Use care in handling/storage.

Conditions for safe storage, including any incompatibilities : Keep out of reach of children. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

Section 8. Exposure controls/personal protection

Occupational Exposure Limits:

Component	CAS No.	Value	Control Parameters	Basis
Mineral oil	8042-47-5	TWA	5.00 mg./ m3	Table Z-1
		TWA	5.00 mg./ m3	Table Z-1
		TWA	5.00 mg./ m3	NIOSH
		ST	10.00 mg./m3	NIOSH
		TWA	5.00 mg./ m3	ACGIH
	Remarks	Upper respiratory tract irritation. Not classifiable as a human carcinogen		

Appropriate engineering controls : Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection : Safety glasses if eye contact is possible.

Skin protection

Hand protection : Not normally needed.

Other : As required by employer code.

Respiratory protection : No personal respiratory protective equipment normally required.

Thermal hazards	: Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section 9. Physical and chemical properties

	Product as SOLD
Appearance	: Clear
Physical state	: Liquid.
Form	: Liquid.
Color	: Dark amber
Odor	: Petroleum
Odor threshold	: Not available.
pH	: Not applicable
Melting point	: Not available.
Initial boiling point and boiling range	: No data available
Pour point	: Not available.
Specific gravity	: Not available.
Flash point	: Closed cup: >112°C (>234°F) [Closed cup-ISO 2719.]
Evaporation rate	: Not available.
Flammability (solid, gas)	: Not applicable.
Lower and upper explosive (flammable) limits	: Not available.
Vapor pressure	: No data available
Vapor density	: Not available.
Relative density	: 0.85 g/ml at 20 degrees C. (68 degrees F.)
Solubility	: Complete
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: No data available
Other information	
Bulk density	: 7.09 lbs/gallon

Section 10. Stability and reactivity

	Product as SOLD
Reactivity	: None known.
Possibility of hazardous reactions	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Material is stable under normal conditions.
Conditions to avoid	: Do not mix with other chemicals. Keep from freezing.
Incompatible materials	: Strong oxidizing agents.
Hazardous decomposition products	: No hazardous decomposition products are known.

Section 11. Toxicological information

Information on the likely routes of exposure

	Product as SOLD
Ingestion	: Expected to be a low ingestion hazard.
Inhalation	: No adverse effects due to inhalation are expected.
Skin contact	: No adverse effects due to skin contact are expected.
Eye contact	: Direct contact with eyes may cause temporary irritation.
Symptoms related to the physical, chemical and toxicological characteristics	: Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

	Product as SOLD
Acute toxicity	: Not available.
Skin corrosion/irritation	: Prolonged skin contact may cause temporary irritation.
Exposure minutes	: Not available.
Erythema value	: Not available.
Oedema value	: Not available.
Serious eye damage/eye irritation	: Direct contact with eyes may cause temporary irritation.
Corneal opacity value	: Not available.
Iris lesion value	: Not available.
Conjunctival reddening value	: Not available.
Conjunctival oedema value	: Not available.
Recover days	: Not available.
Respiratory or skin sensitization	: Direct contact with eyes may cause temporary irritation.
Respiratory sensitization	: Not available.
Skin sensitization	: This product is not expected to cause skin sensitization.
Germ cell mutagenicity	: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity	: This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity -single exposure	: Not classified.
Specific target organ toxicity -repeated exposure	: Not classified.
Aspiration hazard	: Not available.

Chronic effects	: Not available.
Further information	: This product has no known adverse effect on human health.

Section 12. Ecological information

Ecotoxicity	: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence and degradability	: No data is available on the degradability of this product.
Bioaccumulative potential	: No data available.
Mobility in soil	: No data available.
Mobility in general	: Not available.
Other adverse effects	: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Section 13. Disposal considerations

	Product as SOLD
Disposal instructions	: Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
Local disposal regulations	: Dispose in accordance with all applicable regulations.
Hazardous waste code	: The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	: Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14. Transport information

Product as SOLD

	DOT Classification	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	Petroleum oils, Greases and Related Products, NOI	-	-
Transport hazard class(es)	-	-	-
Packing group	-	-	-
Environmental hazards	No.	No.	No.

Section 15. Regulatory information

U.S. Federal regulations

Product as SOLD

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) : Not regulated.
CERCLA Hazardous Substance List (40 CFR 302.4) : Not listed.
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) : Not listed.

Not listed.

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories : Immediate Hazard - No
 Delayed Hazard - No
 Fire Hazard – No
 Pressure Hazard - No
 Reactivity Hazard - No

SARA 302 Extremely hazardous substance : No

SARA 311/312 Hazardous chemical : No

SARA 313 (TRI reporting) : Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List : Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) : Not regulated.

Safe Drinking Water Act (SDWA) : Not regulated.

Food and Drug Administration (FDA) : Not regulated.

US State regulations

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance : Not listed.

US. Massachusetts RTK - Substance List : Not regulated.

US. Pennsylvania RTK - Hazardous Substances : Not regulated.

US. Rhode Island RTK : Not regulated.

Country(s) or region

Inventory name

On inventory (yes/no)*

United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory

Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

Section 16. Other information

Product as SOLD

Hazardous Material Information System (U.S.A.)

Health	0
Flammability	1
Physical hazards	0

National Fire Protection Association (U.S.A.)



MSDS File Name : PB70 Dairyland Brand VACUUM PUMP OIL
SDS

Disclaimer Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

Date of issue/Date of revision : 03/26/15

Date of previous issue : No previous validation

Prepared by : Dell Tech Laboratories, Ltd. Phone: (519) 858-5021