



SLIPKOTE[®] Specialty Lubricants

manufactured by HUSK-ITT Corporation / SPECIALTY LUBRICANTS Corporation

Eastern Region Office:

8300 Corporate Park Drive, Macedonia, Ohio 44056
(330) 425-2567 • FAX (330) 425-9637
(800) 238-5823 • www.speclubes.com

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1580 Industrial Avenue, Norco, California 92860
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(800) 4-HUSKEY • www.huskey.com

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SLIPKOTE Calcium Sulfinate
PRODUCT CODE: 34500
PRODUCT USE: Industrial applications: lubricants, grease
REVISION DATE: 03/09/12

MANUFACTURER: SPECIALTY LUBRICANTS CORPORATION
8300 Corporate Park Drive
Macedonia, OH 44056 USA
(P): 1-800-238-5823
(F): 1-330-425-9637

EMERGENCY PHONE: 800-424-9300 (24HR)
CHEMTREC PHONE: 800-424-9300 (24HR)

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

PHYSICAL STATE: Solid (grease).
COLOR: Green
ODOR: Mild. Petroleum Oil.
SIGNAL WORD: WARNING!
HAZARD STATEMENTS: CAUSES EYE IRRITATION. MAY CAUSE SKIN IRRITATION. CONTAINS MATERIAL THAT MAY CAUSE TARGET ORGAN DAMAGE, BASED ON ANIMAL DATA.
PRECAUTIONARY MEASURES: Do not eat, drink, or smoke when using this product. Avoid contact with eyes, skin and clothing. Washing thoroughly after handling.
OSHA/HCS STATUS: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
ROUTES OF ENTRY: Dermal contact. Eye contact. Inhalation. Ingestion.

POTENTIAL ACUTE HEALTH EFFECTS:

INHALATION: No known significant effects or critical hazards.
INGESTION: No known significant effects or critical hazards.
SKIN: Moderately irritating to the skin. No significant irritation expected other than possible mechanical irritation. NOT EXPECTED TO PRODUCE SIGNIFICANT ADVERSE HEALTH EFFECTS WHEN THE RECOMMENDED INSTRUCTIONS FOR USE ARE FOLLOWED.
EYES: Severely irritating to eyes. Risk of serious damage to eyes. No significant irritation expected other than possible mechanical irritation. NOT EXPECTED TO PRODUCE SIGNIFICANT ADVERSE HEALTH EFFECTS WHEN THE RECOMMENDED INSTRUCTIONS FOR USE ARE FOLLOWED.

SECTION 2: HAZARDS IDENTIFICATION (CONTINUED)

POTENTIAL CHRONIC HEALTH EFFECTS:

CHRONIC EFFECTS:	Contains material that may cause target organ damage, based on animal data.
CARCINOGENICITY:	No known significant effects or critical hazards.
MUTAGENICITY:	No known significant effects or critical hazards.
TERATOGENICITY:	No known significant effects or critical hazards.
DEVELOPMENTAL EFFECTS:	No known significant effects or critical hazards.
FERTILITY EFFECTS:	No known significant effects or critical hazards.
TARGET ORGANS:	Contains material which may cause damage to the following organs: lungs, upper respiratory tract, skin, eyes.

OVER-EXPOSURE SIGNS/SYMPTOMS:

INHALATION:	No specific data.
INGESTION:	No specific data.
SKIN:	Adverse symptoms may include the following: irritation, redness
EYES:	Adverse symptoms may include the following: pain or irritation, watering, redness
MEDICAL CONDITIONS AGGRAVATED BY OVER-EXPOSURE:	Pre-existing disorders involving any target organs mentioned in this MSDS as being at risk may be aggravated by over-exposure to this product.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

UNITED STATES:

NAME	CAS NUMBER	%
Mineral oil	Mixture	50 to 70
Calcium carbonate	471-34-1	10 to 20

CANADA:

NAME	CAS NUMBER	%
Mineral oil	Mixture	50 to 70
Calcium carbonate	471-34-1	10 to 20

MEXICO:

NAME	CAS NUMBER	UN #	%	IDLH	CLASSIFICATION		
					H	F	R
Mineral oil	Mixture	N/A	50 to 70	2500 mg/m ³	1	1	0
Calcium carbonate	471-34-1	N/A	10 to 20	-	2	0	0

SECTION 4: FIRST AID MEASURES

EYE CONTACT:	Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
SKIN CONTACT:	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.
INHALATION:	Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

SECTION 4: FIRST AID MEASURES (CONTINUED)

INGESTION:	Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
PROTECTION OF FIRST-AIDERS:	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
NOTES TO PHYSICIAN:	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABILITY OF THE PRODUCT:	No specific fire or explosion hazard.
EXTINGUISHING MEDIA:	
SUITABLE:	Use an extinguishing agent suitable for the surrounding fire.
NOT SUITABLE:	None known.
SPECIAL EXPOSURE HAZARDS:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:	Decomposition products may include the following materials: carbon dioxide, carbon monoxide, metal oxide/oxides
SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).
ENVIRONMENTAL PRECAUTIONS:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
METHODS FOR CLEANING UP:	
SMALL SPILL:	Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
LARGE SPILL	Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING:	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not ingest. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
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SECTION 7: HANDLING AND STORAGE (CONTINUED)

STORAGE: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

UNITED STATES:

INGREDIENT	EXPOSURE LIMITS
Mineral oil	<p>ACGIH TLV (United States, 2/2010). TWA: 5 mg/m³ 8 hour(s). Form: Inhalable fraction. See Appendix C, paragraph A. Inhalable Particulate Mass TLVs (IPM-TLVs) for those materials that are hazardous when deposited anywhere in the respiratory tract.</p> <p>NIOSH REL (United States, 6/2009). TWA: 5 mg/m³ 10 hour(s). Form: Mist STEL: 10 mg/m³ 15 minute(s). Form: Mist</p> <p>OSHA PEL (United States, 11/2006). TWA: 5 mg/m³ 8 hour(s).</p>
Calcium carbonate	<p>OSHA PEL (United States, 11/2006). TWA: 5 mg/m³ 8 hour(s). Form: Respirable fraction TWA: 15 mg/m³ 8 hour(s). Form: Total dust</p>

CANADA:

OCCUPATIONAL EXPOSURE LIMITS		TWA (8hrs)			STEL (15 mins.)			Ceiling			
INGREDIENT	LIST NAME	ppm	mg/m ³	Other	ppm	mg/m ³	Other	ppm	mg/m ³	Other	Notation
Mineral oil	US ACGIH 2/2010	-	5	-	-	10	-	-	-	-	[a]
	AB 4/2009	-	5	-	-	10	-	-	-	-	[b]
	ON 7/2010	-	5	-	-	10	-	-	-	-	[c]
	QC 6/2008	-	5	-	-	10	-	-	-	-	[c]
Calcium carbonate	AB 4/2009	-	10	-	-	-	-	-	-	-	[3]
	QC 6/2008	-	10	-	-	-	-	-	-	-	[d]

[3] skin sensitization

Form: [a] Inhalable fraction [b] Mist [c]mist [d] Inhalable fraction. See Appendix C, paragraph A. Inhalable Particulate Mass TLVs (IPM-TLVs) for those materials that are hazardous when deposited anywhere in the respiratory tract. [e]Total dust.

MEXICO:

INGREDIENT	OCCUPATIONAL EXPOSURE LIMITS
Mineral oil	<p>NOM-010-STPS (Mexico, 9/2000). LMPE-PPT: 5 mg/m³ 8 hour(s). Form: mist LMPE-CT: 10 mg/m³ 15 minute(s). Form: mist</p>

CONSULT LOCAL AUTHORITIES FOR ACCEPTABLE EXPOSURE LIMITS

RECOMMENDED MONITORING PROCEDURES: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (CONTINUED)

ENGINEERING MEASURES:	No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.
HYGIENE MEASURES:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
PERSONAL PROTECTION:	
RESPIRATORY:	Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
HANDS:	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
EYES:	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.
SKIN:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
ENVIRONMENTAL EXPOSURE CONTROLS:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Solid (grease).	DENSITY:	0.96g/cm ³
FLASH POINT:	N/A	VAPOR PRESSURE:	N/A
AUTO-IGNITION TEMPERATURE:	N/A	VAPOR DENSITY:	N/A
FLAMMABLE LIMITS:	N/A	VOLATILITY:	N/A
COLOR:	Green	EVAPORATION RATE:	N/A
ODOR:	Mild. Petroleum Oil.	VISCOSITY:	N/A
pH:	N/A	DISPERSIBILITY PROPERTIES:	N/A
BOILING/CONDENSATION POINT:	N/A	SOLUBILITY:	Insoluble in cold water.
MELTING/FREEZING POINT:	N/A	ADDITIONAL COMMENTS:	N/A

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	The product is stable.
CONDITIONS TO AVOID:	No specific data.
INCOMPATIBILITY:	No specific data.
HAZARDOUS DECOMPOSITION:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
POSSIBILITY OF HAZARDOUS REACTIONS:	Under normal conditions or storage and use, hazardous reactions will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION**UNITED STATES:****ACUTE TOXICITY:** No known significant effects or critical hazards.

INGREDIENT NAME	RESULT	SPECIES	DOSE	EXPOSURE
Mineral oil	LD50 Dermal	Rabbit	>2000mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
Calcium carbonate	LD50 Oral	Rat	6450 mg/kg	-

CHRONIC TOXICITY: Contains material that may cause target organ damage, based on animal data.**IRRITATION/CORROSION:**

INGREDIENT NAME	RESULT	SPECIES	SCORE	EXPOSURE	OBSERVATION
Calcium carbonate	Eyes – Severe irritant	Rabbit	-	24 hours 750 micrograms	-
	Skin – Moderate irritant	Rabbit	-	24 hours 500 milligrams	-

SKIN: May cause skin irritation. No significant irritation expected other than possible mechanical irritation. NOT EXPECTED TO PRODUCE SIGNIFICANT ADVERSE HEALTH EFFECTS WHEN THE RECOMMENDED INSTRUCTIONS FOR USE ARE FOLLOWED.**EYES:** May cause eye irritation. No significant irritation expected other than possible mechanical irritation. NOT EXPECTED TO PRODUCE SIGNIFICANT ADVERSE HEALTH EFFECTS WHEN THE RECOMMENDED INSTRUCTIONS FOR USE ARE FOLLOWED.**RESPIRATORY:** Repeated or prolonged exposure to spray or mist may produce respiratory tract irritation. Pre-existing respiratory disorders may be aggravated by over-exposure to this product.**SENSITIZER:****SKIN:** No specific information is available in our database regarding the skin sensitizing properties of this product. Sensitization not suspected for humans**RESPIRATORY:** Sensitization not suspected for humans.**CARCINOGENICITY:** There is no data available on the preparation itself. Carcinogenicity not suspected for humans.**MUTAGENICITY:** There is no data available on the preparation itself. Mutagenicity not suspected for humans.**TERATOGENICITY:** There is no data available on the preparation itself. Teratogenicity not suspected for humans.**REPRODUCTIVE TOXICITY:** There is no data available on the preparation itself. Not considered to be dangerous to humans, according to our database.**CANADA:****ACUTE TOXICITY:** No known significant effects or critical hazards.

INGREDIENT NAME	RESULT	SPECIES	DOSE	EXPOSURE
Mineral oil	LD50 Dermal	Rabbit	>2000mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
Calcium carbonate	LD50 Oral	Rat	6450 mg/kg	-

CHRONIC TOXICITY: Contains material that may cause target organ damage, based on animal data.**IRRITATION/CORROSION:**

INGREDIENT NAME	RESULT	SPECIES	SCORE	EXPOSURE	OBSERVATION
Calcium carbonate	Eyes – Severe irritant	Rabbit	-	24 hours 750 micrograms	-
	Skin – Moderate irritant	Rabbit	-	24 hours 500 milligrams	-

SKIN: May cause skin irritation. No significant irritation expected other than possible mechanical irritation. NOT EXPECTED TO PRODUCE SIGNIFICANT ADVERSE HEALTH EFFECTS WHEN THE RECOMMENDED INSTRUCTIONS FOR USE ARE FOLLOWED.

SECTION 11: TOXICOLOGICAL INFORMATION (CONTINUED)

EYES: May cause eye irritation. No significant irritation expected other than possible mechanical irritation. NOT EXPECTED TO PRODUCE SIGNIFICANT ADVERSE HEALTH EFFECTS WHEN THE RECOMMENDED INSTRUCTIONS FOR USE ARE FOLLOWED.

RESPIRATORY: Repeated or prolonged exposure to spray or mist may produce respiratory tract irritation. Pre-existing respiratory disorders may be aggravated by over-exposure to this product.

SENSITIZER:

SKIN: No specific information is available in our database regarding the skin sensitizing properties of this product. Sensitization not suspected for humans

RESPIRATORY: Sensitization not suspected for humans.

CARCINOGENICITY: There is no data available on the preparation itself. Carcinogenicity not suspected for humans.

MUTAGENICITY: There is no data available on the preparation itself. Mutagenicity not suspected for humans.

TERATOGENICITY: There is no data available on the preparation itself. Teratogenicity not suspected for humans.

REPRODUCTIVE TOXICITY: There is no data available on the preparation itself. Not considered to be dangerous to humans, according to our database.

MEXICO:

ACUTE TOXICITY: No known significant effects or critical hazards.

INGREDIENT NAME	RESULT	SPECIES	DOSE	EXPOSURE
Mineral oil	LD50 Dermal	Rabbit	>2000mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
Calcium carbonate	LD50 Oral	Rat	6450 mg/kg	-

CHRONIC TOXICITY: Contains material that may cause target organ damage, based on animal data.

IRRITATION/CORROSION:

INGREDIENT NAME	RESULT	SPECIES	SCORE	EXPOSURE	OBSERVATION
Calcium carbonate	Eyes – Severe irritant	Rabbit	-	24 hours 750 micrograms	-
	Skin – Moderate irritant	Rabbit	-	24 hours 500 milligrams	-

SKIN: May cause skin irritation. No significant irritation expected other than possible mechanical irritation. NOT EXPECTED TO PRODUCE SIGNIFICANT ADVERSE HEALTH EFFECTS WHEN THE RECOMMENDED INSTRUCTIONS FOR USE ARE FOLLOWED.

EYES: May cause eye irritation. No significant irritation expected other than possible mechanical irritation. NOT EXPECTED TO PRODUCE SIGNIFICANT ADVERSE HEALTH EFFECTS WHEN THE RECOMMENDED INSTRUCTIONS FOR USE ARE FOLLOWED.

RESPIRATORY: Repeated or prolonged exposure to spray or mist may produce respiratory tract irritation. Pre-existing respiratory disorders may be aggravated by over-exposure to this product.

SENSITIZER:

SKIN: No specific information is available in our database regarding the skin sensitizing properties of this product. Sensitization not suspected for humans

RESPIRATORY: Sensitization not suspected for humans.

CARCINOGENICITY: There is no data available on the preparation itself. Carcinogenicity not suspected for humans.

MUTAGENICITY: There is no data available on the preparation itself. Mutagenicity not suspected for humans.

TERATOGENICITY: There is no data available on the preparation itself. Teratogenicity not suspected for humans.

REPRODUCTIVE TOXICITY: There is no data available on the preparation itself. Not considered to be dangerous to humans, according to our database.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: No known significant effects or critical hazards.

UNITED STATES:

AQUATIC ECOTOXICITY: There is no data available on the preparation itself.

INGREDIENT NAME	RESULT	SPECIES	EXPOSURE
Calcium carbonate	Acute LC50 >56000000 ug/L Fresh water	Fish - Gambusia affinis – Adult	96 hours
	Chronic NOEC 61 mg/g Fresh Water	Fish - Oncorhynchus mykiss - Juvenile (Fledgling, Hatchling, Weanling)	28 days

PERSISTENCE/DEGRADIBILITY: This product has not been tested for biodegradation. Not readily biodegradable. This product is not expected to bioaccumulate through food chains in the environment.

CANADA:

AQUATIC ECOTOXICITY: There is no data available on the preparation itself.

INGREDIENT NAME	RESULT	SPECIES	EXPOSURE
Calcium carbonate	Acute LC50 >56000000 ug/L Fresh water	Fish - Gambusia affinis – Adult	96 hours
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Calcium carbonate	Acute LC50 >56000000 ug/L Fresh water	Fish - Gambusia affinis – Adult	96 hours
	Chronic NOEC 61 mg/g Fresh Water	Fish - Oncorhynchus mykiss - Juvenile (Fledgling, Hatchling, Weanling)	28 days

PERSISTENCE/DEGRADIBILITY: This product has not been tested for biodegradation. Not readily biodegradable. This product is not expected to bioaccumulate through food chains in the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: The generation of waste should be avoided or minimized wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

SECTION 14: TRANSPORT INFORMATION

REGULATORY INFORMATION	UN NUMBER	PROPER SHIPPING NAME	CLASSES	PG*	LABEL	ADDITIONAL INFORMATION
DOT CLASSIFICATION	Not Regulated.	-	-	-		-
TDG CLASSIFICATION	Not Regulated.	-	-	-		-
MEXICO CLASSIFICATION	Not Regulated.	-	-	-		-
ADR/RID CLASS	Not Regulated.	-	-	-		-
IMDG CLASS	Not Regulated.	-	-	-		-
IATA-DGR CLASS	Not Regulated.	-	-	-		-

PG* : Packing Group

SECTION 15: REGULATORY INFORMATION

UNITED STATES:

HCS CLASSIFICATION: Irritating material, target organ effects.

U.S. FEDERAL REGULATIONS: TSCA 8(a) IUR Exempt/Partial exemption: Not determined

United States inventory (TSCA 8b): All components are listed or exempted.

SARA 302/304/311/312 extremely hazardous substances: No products were found.

SARA 302/304 emergency planning and notification: No products were found.

SARA 302/304/311/312 hazardous chemicals: calcium carbonate

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: calcium carbonate:
Immediate (acute) health hazard

CLEAN AIR ACT SECTION 112(b) HAZARDOUS AIR POLLUTANTS (HAPS): Not listed

CLEAN AIR ACT SECTION 602 CLASS I SUBSTANCES: Not listed

CLEAN AIR ACT SECTION 602 CLASS II SUBSTANCES: Not listed

DEA LIST I CHEMICALS (PRECURSOR CHEMICALS): Not listed

DEA LIST II CHEMICALS (ESSENTIAL CHEMICALS): Not listed

SARA 313:

FORM R – REPORTING REQUIREMENTS: No listed substance

SUPPLIER NOTIFICATION: No listed substance

SARA 313 notifications must not be detached from the MSDS and any copying and redistribution of the MSDS shall include copying and redistribution of the notice attached to copies of the MSDS subsequently redistributed.

STATE REGULATIONS:

CONNECTICUT CARCINOGEN REPORTING: None of the components are listed.

CONNECTICUT HAZARDOUS MATERIAL SURVEY: None of the components are listed.

FLORIDA SUBSTANCES: None of the components are listed.

ILLINOIS CHEMICAL SAFETY ACT: None of the components are listed.

ILLINOIS TOXIC SUBSTANCES DISCLOSURE TO EMPLOYEE ACT: None of the components are listed.

LOUISIANA REPORTING: None of the components are listed.

LOUISIANA SPILL: None of the components are listed.

MASSACHUSETTS SPILL: None of the components are listed.

MASSACHUSETTS SUBSTANCES: None of the components are listed.

MICHIGAN CRITICAL MATERIAL: None of the components are listed.

SECTION 15: REGULATORY INFORMATION

MINNESOTA HAZARDOUS SUBSTANCES:	None of the components are listed.
NEW JERSEY SPILL:	None of the components are listed.
NEW JERSEY TOXIC CATASTROPHE PREVENTION ACT:	None of the components are listed.
NEW JERSEY HAZARDOUS SUBSTANCES:	The following components are listed: MINERAL OIL (UNTREATED and MILDLY TREATED)
NEW YORK ACUTELY HAZARDOUS SUBSTANCES:	None of the components are listed.
NEW YORK TOXIC CHEMICAL RELEASE REPORTING:	None of the components are listed.
PENNSYLVANIA RTK HAZARDOUS SUBSTANCES:	None of the components are listed.
RHODE ISLAND HAZARDOUS SUBSTANCES:	None of the components are listed.
CALIFORNIA PROP. 65:	None of the components are listed.
UNITED STATES INVENTORY (TSCA 8b):	All Components are listed or exempted

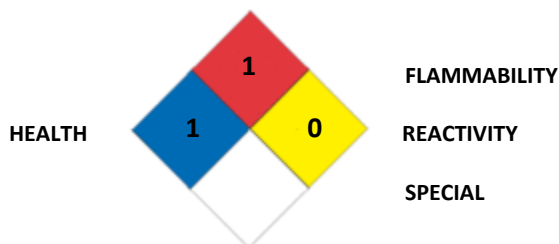
CANADA:

WHMIS (CANADA):	Not controlled under WHMIS (Canada)
CANADIAN LISTS:	
CANADIAN NPRI:	None of the components are listed.
CEPA TOXIC SUBSTANCES:	None of the components are listed.
CANADA INVENTORY (DSL/NDL):	All components are listed or exempted.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

MEXICO:

CLASSIFICATION:



INTERNATIONAL REGULATIONS:

INTERNATIONAL LISTS:

AUSTRALIA INVENTORY (AICS):	All components are listed or exempted.
CHINA INVENTORY (IECSC):	All components are listed or exempted.
JAPAN INVENTORY:	Not determined.
KOREA INVENTORY:	All components are listed or exempted.
NEW EALAND INVENTORY OF CHMICALS (NZIoC):	All components are listed or exempted.
PHILLIPPINES INVENTORY (PICCS):	All components are listed or exempted.
EUROPE INVENTORY:	All components are listed or exempted.
CHEMICAL WEAPONS CONVENTION LIST SCHEDULE I CHEMICALS:	Not listed.
CHEMICAL WEAPONS CONVENTION LIST SCHEDULE II CHEMICALS:	Not listed.
CHEMICAL WEAPONS CONVENTION LIST SCHEDULE III CHEMICALS:	Not listed.

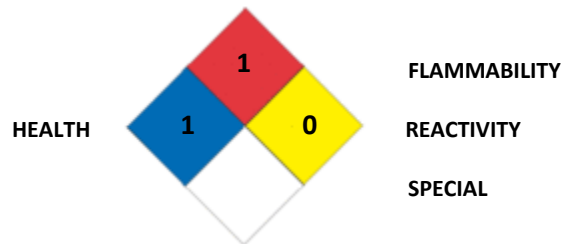
SECTION 16: OTHER INFORMATION

LABEL REQUIREMENTS: CAUSES EYE IRRITATION. MAY CAUSE SKIN IRRITATION. CONTAINS MATERIAL THAT MAY CAUSE TARGET ORGAN DAMAGE, BASED ON ANIMAL DATA.

	<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>	<u>PPE</u>
HMIS CODE:	1	1	0	B

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

NATIONAL FIRE PROTECTION ASSOCIATION (U.S.A.):



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N/D	Not Determined	N/A	Not Applicable
<	Less Than	>	Greater Than