



Material Safety Data Sheet

EMERGENCY PHONE: 1-800-321-9065

CHEMTREC: 800-424-9300

SECTION 1 IDENTIFICATION

PRODUCT NAME: Kruckenberg's Gourmet Floor Care

CAS NO: None

SUPPLIER: Whink Products Company

1901 15th Avenue

P.O. Box 230

Eldora, IA 50627

USA

TEL: 001-641-939-2353

Fax: 001-641-939-2485

SECTION 2 COMPOSITION INFORMATION ON HAZARDOUS INGREDIENTS

(As per OSHA Hazardous Communication Standard, CFR29 1910.1200 and Canadian WHMIS Regulations)

INGREDIENTS	CAS NO	WT%	AGGIH		OSHA		VOC
			TLV	STEL	PEL	STEL	Reportable
Synthetic Isoparaffinic Hydrocarbon	64742-47-8	---	NA	NA	NA	NA	0%
Aliphatic Hydrocarbons	34590-94-8	6%	None	None	500 ppm	None	100%
Hydrotreated Light Naphthenic Distillate	64741-44-2	---	5 mg/m ³	None	5 mg/m ³	None	0%
Dipropylene Glycol Methyl Ether	34590-94-8	1%	100 ppm	150 ppm	None	None	100%

* This product and/or components are listed in the Toxic Substances Control Act (TSCA) Inventory of Chemicals; hence, it may be subject to applicable TSCA provisions and restrictions.

SECTION 3 HAZARDS IDENTIFICATION

Emergency Overview: clear, light amber colored liquid having a pleasant almond odor. Combustible liquid and vapors. Vapors, mists and liquid are moderately irritating to the eyes, skin and respiratory tract. Inhalation of high concentrations may cause narcotic effects.

Potential Health Effects:

Eye Contact: Exposure to vapors, mists, or liquid may cause eye irritation. Symptoms of exposure may include tearing, redness and painful burning sensation. Exposure is not expected to cause corneal damage or visual impairment.

Skin Contact: Exposure to vapors, mists, or liquid may cause moderate skin irritation. Symptoms of exposure may include redness, swelling, a stinging sensation and dry, cracked skin. No published reports indicate this product is absorbed through the skin.

Inhalation: Exposure to vapors, or mists may be moderately irritating. May cause irritation to the nose, throat and lungs. Symptoms of exposure may include headache, dizziness, loss of coordination, drowsiness and other symptoms related to central nervous system depression and a narcotic effect. This product may be toxic if inhaled in high concentrations.

Ingestion: Aspiration hazard. This product can enter the lungs and cause severe lung damage during swallowing or vomiting. Symptoms of exposure may include drowsiness, headache, nausea, vomiting, diarrhea and other symptoms related to central nervous system depression and narcotic effect.

Chronic: Prolonged or repeated exposure to this product may dry the skin and can lead to dermatitis. Otherwise the chronic effects would be the same as for overexposure.

SECTION 4 FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention.

SKIN CONTACT: Flush skin with water, if irritation occurs get medical attention.

INGESTION: Aspiration hazard. If swallowed. Get medical attention immediately. DO NOT induce vomiting or give anything by mouth. If vomited, this material can enter the lungs and cause severe damage. If victim is drowsy or unconscious, lay victim on side with head down. Get medical attention.

INHALATION: If inhaled immediately move to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Get medical attention.

NOTE TO PHYSICIAN: Direct treatment to the control symptoms. Lung injury may have occurred if this product was aspirated. Emesis should not be done by mechanical or pharmacological means. If evacuation of the stomach contents is necessary, this should be done by gastric lavage in the presence of endotracheal intubation.

SECTION 5 FIRE-FIGHTING MEASURES

GENERAL HAZARD: The uniform Fire Code physical hazard classification for this product is Class II-Combustible Liquid. Vapors from this product may concentrate in confined spaces and form an explosive mixture. Excessively heated containers may rupture violently. This product may produce hazardous fumes and hazardous decomposition products.

EXTINGUISHING MEDIA: Water fog, CO₂ or dry chemicals. Use a water spray to cool containers exposed to fire. A water spray may be ineffective for extinguishment. This product will float on water and may reignite.

SPECIAL FIRE FIGHTING PROCEDURES: Warning. Flammable, clear fire area of unprotected personnel. Do not enter confined fire space without full bunker gear (Helmet with face shield, bunker coats, gloves and rubber boots). Including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.

UNUSUAL FIRE & EXPLOSION HAZARDS: Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup, which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.

HAZARDOUS COMBUSTION PRODUCTS: When heated to decomposition, it emits toxic carbon monoxide and carbon dioxide plus dense, irritating smoke.

SECTION 6 ACCIDENTAL RELEASE MEASURES

LAND SPILL: Remove all ignition sources. Vapors, which are heavier than air, can be concentrated at ground level. Wear recommended protective equipment and clothing. Dike the spill and pick up the bulk of the liquid using non-sparking tools, or absorb the liquid in sand or non-combustible absorbent. Place in approved containers for recovery, disposal, or satellite accumulation. For large spills, vapors may be dispersed by the use of water fog; the run off must be controlled and disposed of properly.

WATER SPILL: Wear recommended protective equipment and clothing if contact with hazardous material can occur. Stop or divert water flow. Dike contaminated water and remove for disposal and/or treatment. As appropriate, notify all downstream users of possible contamination.

SECTION 7 HANDLING AND STORAGE

STORAGE TEMPERATURE: Ambient

STORAGE PRESSURE: Ambient

GENERAL: Store in a cool, dry, well ventilated area away from incompatible materials and products. Wear recommended personal protective equipment when handling this product. Protect eyes, skin and clothing from contact with product. Do not breathe vapors or mists. Use with adequate ventilation. Do not take internally. Wash thoroughly with soap and water after handling this product.

The empty container may be hazardous. It may contain flammable residues and vapors. Do not cut, puncture or weld on or near this container.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

CONTROL MEASURES: use local mechanical exhaust capable of maintaining emissions, in the work area, below the ACGIH-TLV, OSHA-PEL or levels that may cause irritation.

RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT:

Respiratory: For exposures above the ACGIH-TLV, OSHA-PEL or levels that may cause irritation, wear a NIOSH approved full facepiece or half mask air-purifying cartridge equipped with a organic vapor cartridge or supplied air.

Eyes: Wear chemical goggles, unless a full facepiece respirator is worn.

Hands: Gloves if irritation is suspected.

Other: Wear a nitrile or PVA apron when handling this product also wear boots.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 195° C (383° F)

VAPOR DENSITY: No Data Available

SPECIFIC GRAVITY (H₂O=1): 0.79

SOLUBILITY: Liquid.

APPEARANCE: Clear, light amber

FLASH POINT: 49 ° C TCC

VAPOR PRESSURE: No Data Available

EVAPORATION RATE: No Data Available

MELTING POINT: No Data Available

VOC Content: 7% (Reportable)

ODOR: Pleasant Almond type

pH (1% Solution): 6.5 to 7.0

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Avoid heat, sparks and contact with strong oxidizing agents,.

HAZARDOUS DECOMPOSITION: Carbon Monoxide and unidentified organic compounds may be formed during combustion.

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents

HAZARDOUS POLYMERIZATION: When heated to decomposition, it emits toxic oxides of Carbon plus dense irritating smoke

SENSITIVITY TO STATIC DISCHARGE: This product is sensitive to static discharge.

SECTION 11 TOXICOLOGICAL INFORMATION

Components:	<u>Naphthe, Petroleum Heavy Alkylate</u>	<u>Hydrotreated Light Naphthenic Distillate</u>
Eye contact	No Data Available	No Data Available
Skin Contact:	No Data Available	No Data Available
Oral Rat LD ₅₀ :	Greater Than 5 gm/kg	Greater Than 5 gm/kg
Dermal Rabbit LD ₅₀ :	Greater Than 3 gm/kg	Greater Than 2 gm/kg
Inhalation Rat LC ₅₀ :	Greater Than 592 ppm/4 hours	No Data Available
Human Data:	No Data Available	No Data Available
Other Toxicological Data:	Inhalation Rat LD ₅₀ 1,600ppm/6 hours	No Data Available
Carcinogenicity:	Skin Mouse TD ₅₀ 330 gm/kg 86 weeks	No Data Available
Teratogenicity:	No Data Available	No Data Available
Mutagenicity:	No Data Available	No Data Available
Synergistic Products:	None Reported	None Reported
Target Organs:	Eyes, Skin, Mucus membranes & lungs	Eyes, Skin, Mucous membranes
Medical Conditions		
Aggravated by exposure:	Skin or Respiratory disorders	Skin or Respiratory disorders

SECTION 12 ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE: The environmental fate of this product is expected to be: **Land**—volatilization and biodegradation with some leaching into the groundwater. **Water**—Volatilization and biodegradation. **Air**—reaction with hydroxyl radicals and direct photolysis. This product is not expected to bioaccumulate.

ENVIRONMENTAL CONSIDERATIONS: The aquatic toxicity for this product has not been determined.

SECTION 13 DISPOSAL CONSIDERATIONS

RCRA 40 CFR 261 CLASSIFICATION: Ignitable Waste

U.S. EPA WASTE NUMBER/DESCRIPTION: D001

If this product is disposed of as shipped, it meet the criteria of a hazardous waste as defined under 40 CFR 261 due to its ignitability. If this product becomes a waste, it will be a hazardous waste which is subject to the Land Disposal Restrictions under 40 CFR 268 and must be managed accordingly. As a hazardous liquid waste, it must be disposed of in accordance with local, state, and federal regulations in a permitted hazardous waste treatment storage, and disposal facility, by incineration.

SECTION 14 TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME: Combustible Liquid N.O.S. (naphtha, petroleum, heavy alkylate)

HAZARD CLASS: Combustible UN NUMBER: NA1993 PACKING GROUP: III
 PRIMARY LABEL: None Required SUDDSIDIARY LABEL(S): None Required
 PRIMARY/SUBSIDIARY PLACARDS: None Required (in less than bulk)
 DOT Reportable Quantity (RQ): Not Applicable RQ for product: Not Applicable
 Marine Pollutant: No
 DOT 1996 North American Emergency Response Guidebook No: 72B
 TDG PROPER SHIPPING NAME: Flammable Liquids N.O.S. (naphtha, petroleum, heavy alkylate)
 HAZARD CLASS: 3 UN NUMBER: UN1993 PACKING GROUP: III
 PRIMARY LABEL: Flammable Liquid SUBSIDIARY LABEL(S) None Required
 PRIMARY/SUBSIDIARY PLACARDS: Flammable Liquid
 TDG Reportable Quantity (RQ): at least 200 liters
 TDG Schedule XII: Not Listed
 Regulated Limit (RL): Not Listed RL for Product: Not applicable
 Other Shipping Information: None

D.O.T. Proper shipping name: Isopropanol

Other requirements: NU129, Guide 129

SECTION 15 REGULATORY INFORMATION

COMPONENTS:	<u>Naphtha Petroleum, Heavy Alkylate</u>	<u>Hydrotreated Light Naphthenic Distillate</u>	<u>Dipropylene Glycol Methyl Ether</u>	<u>Synthetic Isoparaffinic Hydrocarbon</u>
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OSHA Target Organs:

Carcinogenic Potential:

Regulated by ODHA:	No	No	No	No
Listed on NTP Report	No	No	No	No
Listed by ARC:	No	No	No	No
ARC Group:	Not Applicable	Not Applicable	Not Applicable	Not Applicable
ACGLH Appendix A:	Not Listed	Not Listed	Not Listed	Not Listed
A1 Confirmed Human	Not Applicable	Not Applicable	Not Applicable	Not Applicable
A2 Suspected Human:	Not Applicable	Not Applicable	Not Applicable	Not Applicable

U.S EPA Requirements:

Release Reporting
 CERCLA (40 CFR 302)

Listed Substance:	Not Listed	Not Listed	Not Listed	Not Listed
Reportable Quantity:	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Category:	Not Applicable	Not Applicable	Not Applicable	Not Applicable
RCRA Waste No:	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Unlisted Substance:	Yes	Not Applicable	Not Applicable	Not Applicable
Reportable Quantity:	100 pounds	Not Applicable	Not Applicable	Not Applicable
Characteristic:	Ignitability	Not Applicable	Not Applicable	Not Applicable
RCRA Waste No:	D001	Not Applicable	Not Applicable	Not Applicable

SARA TITLE III

Section 302 & 303 (40 CFR 355):

Listed Substance	Not Listed	Not Listed	Not Listed	Not Listed
Reportable Quantity:	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Planning threshold:	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Section 311 & 312 (40 CFR 370):

Hazard Categories (Product):	Fire: <u>Y</u>	Sudden Release of Pressure: <u>N</u>	Reactive: <u>N</u>
	Acute Health: <u>Y</u>	Chronic Health: <u>N</u>	
Planning Threshold:	10,000 pounds	10,000 pounds	10,000 pounds

Section 313 (40CFR 372):

Listed Toxic Chemical:	Not Listed	Not Listed	Not Listed	Not Listed
Reporting Threshold:	Not Applicable	Not Applicable	Not Applicable	Not Applicable

U.S. TSCA Status

Listed (40 CFR 710):	Yes	Yes	Yes	Yes
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State Regulations:

State of California: Safe Drinking Water and Toxins Enforcement Act, 1986 (Proposition 65):

Carcinogen:	No	No	No	No
Reproductive Toxin:	No	No	No	No

Other Regulations:

State Right to Know Laws: CA, CT, FL, IL, LA, MA, ME, MN, NJ, PA, RI

Canadian Regulations:

Product Information:

Controlled Product: Yes

WHMIS Hazard Symbols: Combustible Liquid: Material Causing other Toxic Effects.

WHMIS Class & Division: 8.3, D.28

Ingredient Information:

IDL Substances:	Not Listed	Not Listed	Not Listed	Not Listed
Domestic Substance List:	Yes	Yes	Yes	Yes

SECTION 16 OTHER INFORMATION

EPA Registration Number: Not Applicable

Approved Product Uses: Not Applicable

Additional Toxicological Information (Continued from section 11)

Components: Dipropylene Glycol Methyl Ether Synthetic Isoparaffinic Hydrocarbon

Eye Contact:	Rabbit: 238 mg; Mild	No Data Available
Skin Contact:	Rabbit: 500 mg, open; Mild	No Data Available
Oral Rat LD ₅₀ :	5,860 mg/kg	No Data Available
Dermal Rabbit LD ₅₀ :	No Data Available	No Data Available
Inhalation Rat LC ₅₀ :	Not Data Available	No Data Available
Human Data:	Eye: 8 mg, Mild	No Data Available
Other Toxicological Data:	Dermal Rat LD ₅₀ : 9,500 mg/kg	No Data Available

Carcinogenicity:	No Data Available	No Data Available
Teratogenicity:	No Data Available	No Data Available
Mutagenicity:	Not Data Available	No Data Available
Synergistic Products:	None Reported	None Reported
Target Organs: Medical Conditions	Eyes, Skin, Mucous membranes	No Data Available
Aggravated by exposure:	Skin or Respiratory disorders	No Data Available

HMIS Rating: Health: 1 Flammability: 2 Reactivity: 0 Personal Protective Index: B

This information relates only to the specific product designated and may not be valid for such product used in combination with any other products or in any other process. The stated MSDS is reliable to the best of the company's knowledge and believed accurate as of the date indicated. However, no representation, warranty or guarantee of any kind, expressed or implied is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.

Joe Armer

Date: 1/1/2007

Director of Technical Services