

SAFETY DATA SHEETS

This SDS packet was issued with item:

070178731

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

070178558

Material Safety Data Sheet

Issuing Date 10-Apr-2011

Revision Date 1-Jan-2013

Revision Number 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name

Sortkwik

Recommended Use

Apply to fingers to improve grip for filing and sorting.

Supplier Address

Lee Products Company
800 E 80th St, Bloomington, MN, 55420
US
Phone:952-854-3544
Fax:952-854-7177
Contact: Mike Helmen
Contact Phone:952-854-3544
Emergency Phone: 800-989-3544

Company Emergency Phone Number 800-989-3544

2. HAZARDS IDENTIFICATION

CAUTION!

Emergency Overview

May cause eye irritation

Appearance Pink, Translucent

Physical State Solid.

Odor No information available

Potential Health Effects

Principle Routes of Exposure

Eye contact.

Acute Toxicity

Eyes

May cause mild irritation.

Skin

No known affect from product as supplied.

Inhalation

No known affect from product as supplied.

Ingestion

No hazard from product as supplied.

Chronic Effects

No known effect based on information supplied.

Aggravated Medical Conditions

Pre-existing eye disorders.

Environmental Hazard

See Section 12 for additional Ecological Information. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Propylene Glycol	57-55-6	40-70
Glycerin	56-81-5	15-40
Water	7732-18-5	15-40
Supplier Trade Secret	Proprietary	1 - 5
Stearic acid	57-11-4	1 - 5

Sodium carbonate	497-19-8	1 - 5
Supplier Trade Secret	Proprietary	1 - 5
Myristic acid	544-63-8	0.1 - 1
Heptadecanoic acid	506-12-7	< 0.1
Acid red 52	3520-42-1	< 0.1

4. FIRST AID MEASURES

Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
Skin Contact	In the case of skin irritation or allergic reactions, wash skin with soap and water. If symptoms persist call a physician.
Inhalation	Move to fresh air. If symptoms persist, call a physician.
Ingestion	Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.
Notes to Physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable Properties	Not flammable.
Flash Point	Not determined.
Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Hazardous Combustion Products	Carbon oxides.
Explosion Data	
Sensitivity to Mechanical Impact	No.
Sensitivity to Static Discharge	No.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NEPA	Health Hazard 1	Flammability 0	Stability 0	Physical and Chemical Hazards -
-------------	------------------------	-----------------------	--------------------	--

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with eyes.
Environmental Precautions	Refer to protective measures listed in Sections 7 and 8.
Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	Take up mechanically and collect in suitable container for disposal.

7. HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes and clothing.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Glycerin 56-81-5	TWA: 10 mg/m ³ mist	TWA: 15 mg/m ³ mist, total particulate TWA: 5 mg/m ³ mist, respirable fraction (vacated) TWA: 10 mg/m ³ mist, total particulate (vacated) TWA: 5 mg/m ³ mist, respirable fraction	

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Engineering Measures Showers
Eyewash stations
Ventilation systems

Personal Protective Equipment

Eye/Face Protection No protective equipment is needed under normal use conditions.
Skin and Body Protection No protective equipment is needed under normal use conditions.
Respiratory Protection No protective equipment is needed under normal use conditions.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Pink, Translucent.	Odor	No information available.
Odor Threshold	No information available.	Physical State	Solid
pH	No information available.		
Flash Point	No information available.	Autoignition Temperature	No information available
Decomposition Temperature	No information available	Boiling Point/Range	No information available
Melting Point/Range	No information available		
Flammability Limits in Air	No information available	Explosion Limits	No information available
Water Solubility	Soluble in water.	Solubility	No information available
Evaporation Rate	No information available	Vapor Pressure	No data available
Vapor Density	No data available	VOC Content (%)	72
Partition Coefficient: n-octanol/water			

10. STABILITY AND REACTIVITY

Stability Stable under recommended storage conditions.

Incompatible Products Strong oxidizing agents.

Conditions to Avoid None known.

Hazardous Decomposition Products Carbon oxides.

Hazardous Polymerization Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information Product does not present an acute toxicity hazard based on known or supplied information.

LC50 Inhalation (DUST) VALUE

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Propylene Glycol	= 20000 mg/kg (Rat)	= 20800 mg/kg (Rabbit)	-
Glycerin	= 12600 mg/kg (Rat)	> 21900 mg/kg (Rat)	570 mg/m ³ (Rat) 1 h
Water	90090 mg/kg (rat)	-	-
Supplier Trade Secret	> 10 g/kg (Rat)	-	-
Stearic acid	> 5000 mg/kg (Rat)	> 5 g/kg (Rabbit)	-
Sodium carbonate	= 4090 mg/kg (Rat)	-	-
Supplier Trade Secret	= 53400 µg/kg (Rat)	-	-
Myristic acid	> 10 g/kg (Rat)	-	-

Chronic Toxicity

Chronic Toxicity No known effect based on information supplied.

Target Organ Effects Eyes. Kidney. Respiratory system. Skin.

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Propylene Glycol	EC50: 19000 mg/L (96 h) Pseudokirchneriella subcapitata	LC50: 51600 mg/L (96 h static) Oncorhynchus mykiss LC50: 41 - 47 mL/L (96 h static) Oncorhynchus mykiss LC50: 710 mg/L (96 h) Pimephales promelas LC50: 51400 mg/L (96 h static) Pimephales promelas		EC50: > 1000 mg/L (48 h Static) Daphnia magna EC50: > 10000 mg/L (24 h) Daphnia magna
Glycerin		LC50: 51 - 57 mL/L (96 h static) Oncorhynchus mykiss		EC50: > 500 mg/L (24 h) Daphnia magna
Supplier Trade Secret		LC50: 150 mg/L (96 h) Oryzias latipes		
Sodium carbonate	EC50: 242 mg/L (120 h) Nitzschia	LC50: 300 mg/L (96 h static) Lepomis macrochirus LC50: 310 - 1220 mg/L (96 h static) Pimephales promelas		EC50: 265 mg/L (48 h) Daphnia magna
Myristic acid		LC50: 118 mg/L (96 h static) Oryzias latipes		EC50: > 27 mg/L (16 h) Artemia salina

Chemical Name	Log Pow
Glycerin	-1.76
Myristic acid	5.9

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging

Dispose of in accordance with local regulations.

California Hazardous Waste Codes 331

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California EHW	California Carc	California Hazardous Waste	California Waste - Part 2
Sodium carbonate			Corrosive	

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

MEX Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

RID Not regulated

ADR Not regulated

ADN Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL	Complies
EINECS/ELINCS	Complies
ENCS	Does not Comply
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:

Chemical Name	CAS-No	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Propylene Glycol	57-55-6	40-70		Group I		
Glycerin	56-81-5	15-40		Group II		

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Propylene Glycol		X			X
Glycerin	X	X	X		X

International Regulations

Mexico - Grade Slight risk, Grade 1

Chemical Name	Carcinogen Status	Exposure Limits
Glycerin		Mexico: TWA 10 mg/m ³

Canada

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

WHMIS Hazard Class

Not a Hazard.

16. OTHER INFORMATION

Issuing Date 10-Apr-2011

Revision Date

Revision Note No information available

General Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet

Safety Data Sheet

Issuing Date January 1, 2014

Revision Date July 1, 2014

Revision Number 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name

Sortkwik

Recommended Use

Apply to fingers and rub in completely to improve grip for filing and sorting.

Supplier Address

Lee Products Company
800 E 80th St, Bloomington, MN, 55420
US
Phone:952-854-3544
Fax:952-854-7177
Contact: Mike Helmen
Contact Phone:952-854-3544
Emergency Phone: 800-989-3544

Company Emergency Phone Number 800-989-3544

2. HAZARDS IDENTIFICATION

CAUTION!

Emergency Overview

May cause eye irritation

Appearance Pink, Translucent

Physical State Solid.

Odor No information available

Potential Health Effects

Principle Routes of Exposure

Eye contact.

Acute Toxicity

Eyes

May cause mild irritation.

Skin

No known affect from product as supplied.

Inhalation

No known affect from product as supplied.

Ingestion

No hazard from product as supplied.

Chronic Effects

No known effect based on information supplied.

Aggravated Medical Conditions

Pre-existing eye disorders.

Environmental Hazard

See Section 12 for additional Ecological Information. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Propylene Glycol	57-55-6	40-70
Glycerin	56-81-5	15-40
Water	7732-18-5	15-40
Supplier Trade Secret	Proprietary	1 - 5
Stearic acid	57-11-4	1 - 5

Sodium carbonate	497-19-8	1 - 5
Supplier Trade Secret	Proprietary	1 - 5
Myristic acid	544-63-8	0.1 - 1
Heptadecanoic acid	506-12-7	< 0.1
Acid red 52	3520-42-1	< 0.1

4. FIRST AID MEASURES

Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
Skin Contact	In the case of skin irritation or allergic reactions, wash skin with soap and water. If symptoms persist call a physician.
Inhalation	Move to fresh air. If symptoms persist, call a physician.
Ingestion	Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.
Notes to Physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable Properties	Not flammable.
Flash Point	Not determined.
Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Hazardous Combustion Products	Carbon oxides.
Explosion Data	
Sensitivity to Mechanical Impact	No.
Sensitivity to Static Discharge	No.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NEPA	Health Hazard 1	Flammability 0	Stability 0	Physical and Chemical Hazards -
-------------	------------------------	-----------------------	--------------------	--

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with eyes.
Environmental Precautions	Refer to protective measures listed in Sections 7 and 8.
Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	Take up mechanically and collect in suitable container for disposal.

7. HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes and clothing.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Glycerin 56-81-5	TWA: 10 mg/m ³ mist	TWA: 15 mg/m ³ mist, total particulate TWA: 5 mg/m ³ mist, respirable fraction (vacated) TWA: 10 mg/m ³ mist, total particulate (vacated) TWA: 5 mg/m ³ mist, respirable fraction	

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Engineering Measures Showers
Eyewash stations
Ventilation systems

Personal Protective Equipment

Eye/Face Protection No protective equipment is needed under normal use conditions.
Skin and Body Protection No protective equipment is needed under normal use conditions.
Respiratory Protection No protective equipment is needed under normal use conditions.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Pink, Translucent.	Odor	No information available.
Odor Threshold	No information available.	Physical State	Solid
pH	No information available		
Flash Point	No information available.	Autoignition Temperature	No information available
Decomposition Temperature	No information available	Boiling Point/Range	No information available
Melting Point/Range	No information available		
Flammability Limits in Air	No information available	Explosion Limits	No information available
Water Solubility	Soluble in water.	Solubility	No information available
Evaporation Rate	No information available	Vapor Pressure	No data available
Vapor Density	No data available	VOC Content (%)	72
Partition Coefficient: n-octanol/water			

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions.
Incompatible Products	Strong oxidizing agents.
Conditions to Avoid	None known.
Hazardous Decomposition Products	Carbon oxides.
Hazardous Polymerization	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information Product does not present an acute toxicity hazard based on known or supplied information.

LC50 Inhalation (DUST) VALUE

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Propylene Glycol	= 20000 mg/kg (Rat)	= 20800 mg/kg (Rabbit)	-
Glycerin	= 12600 mg/kg (Rat)	> 21900 mg/kg (Rat)	570 mg/m ³ (Rat) 1 h
Water	90090 mg/kg (rat)	-	-
Supplier Trade Secret	> 10 g/kg (Rat)	-	-
Stearic acid	> 5000 mg/kg (Rat)	> 5 g/kg (Rabbit)	-
Sodium carbonate	= 4090 mg/kg (Rat)	-	-
Supplier Trade Secret	= 53400 µL/kg (Rat)	-	-
Myristic acid	> 10 g/kg (Rat)	-	-

Chronic Toxicity

Chronic Toxicity No known effect based on information supplied.

Target Organ Effects Eyes. Kidney. Respiratory system. Skin.

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Propylene Glycol	EC50: 19000 mg/L (96 h) Pseudokirchneriella subcapitata	LC50: 51600 mg/L (96 h static) Oncorhynchus mykiss LC50: 41 - 47 mL/L (96 h static) Oncorhynchus mykiss LC50: 710 mg/L (96 h) Pimephales promelas LC50: 51400 mg/L (96 h static) Pimephales promelas		EC50: > 1000 mg/L (48 h Static) Daphnia magna EC50: > 10000 mg/L (24 h) Daphnia magna
Glycerin		LC50: 51 - 57 mL/L (96 h static) Oncorhynchus mykiss		EC50: > 500 mg/L (24 h) Daphnia magna
Supplier Trade Secret		LC50: 150 mg/L (96 h) Oryzias latipes		
Sodium carbonate	EC50: 242 mg/L (120 h) Nitzschia	LC50: 300 mg/L (96 h static) Lepomis macrochirus LC50: 310 - 1220 mg/L (96 h static) Pimephales promelas		EC50: 265 mg/L (48 h) Daphnia magna
Myristic acid		LC50: 118 mg/L (96 h static) Oryzias latipes		EC50: > 27 mg/L (16 h) Artemia salina

Chemical Name	Log Pow
Glycerin	-1.76
Myristic acid	5.9

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging

Dispose of in accordance with local regulations.

California Hazardous Waste Codes 331

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California EHW	California Carc	California Hazardous Waste	California Waste - Part 2
Sodium carbonate			Corrosive	

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

MEX Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

RID Not regulated

ADR Not regulated

ADN Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL	Complies
EINECS/ELINCS	Complies
ENCS	Does not Comply
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:

Chemical Name	CAS-No	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Propylene Glycol	57-55-6	40-70		Group I		
Glycerin	56-81-5	15-40		Group II		

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Propylene Glycol		X			X
Glycerin	X	X	X		X

International Regulations

Mexico - Grade Slight risk, Grade 1

Chemical Name	Carcinogen Status	Exposure Limits
Glycerin		Mexico: TWA 10 mg/m ³

Canada

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

WHMIS Hazard Class

Not a Hazard.

16. OTHER INFORMATION

Issuing Date 10-Apr-2011

Revision Date

Revision Note No information available

General Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet