



Material Safety Data Sheet

Issuing date 04-Oct-2011

Revision Date 18-Jul-2014

Version 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product name Luden's Pectin Throat Drops (all flavors)

Recommended Use Demulcent Throat Drop

Synonyms Luden's Wild Berry : Luden's Sugar Free Wild Cherry : Luden's Wild Honey : Luden's Strawberry : Luden's Grape : Luden's Wild Cherry : Luden's Black Cherry : Luden's Watermelon : Luden's Blue Raspberry

Prestige Brands, Inc.
660 White Plains Road
Tarrytown, NY 10591

Company Emergency Phone Number Daytime: 1-800-583-3677
Nighttime: 1-800-222-1222 (Poison Control)

2. HAZARDS IDENTIFICATION

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Appearance Hard Candy Lozenge **Physical State @20°C** solid. **Odor** sweet

OSHA Regulatory Status This material as packaged is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Potential Health Effects

Principle Routes of Exposure Ingestion

Acute toxicity

Eyes Not an expected route of exposure

Skin Not an expected route of exposure

Inhalation Not an expected route of exposure

Ingestion No known hazard by swallowing

Chronic Effects No known effect

Aggravated Medical Conditions None known.

Interactions with Other Chemicals None known

Environmental hazard See Section 12 for additional Ecological Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health. This MSDS represents the component and hazards of an entire line of products. Each individual product may not contain all the ingredients listed below.

Common Name Demulcent Throat Drop.
Chemical Family Carbohydrate.

Chemical Name	CAS-No	Weight %
Isomalt	64519-82-0	60-100
Sucrose	57-50-1	40-70
Corn Syrup	8029-43-4	30-60
Hydrogenated Starch Hydrolysate	68425-17-2	10-30
Honey	Proprietary	7-13
Citric Acid	77-92-9	0.1-1
Malic Acid	97-67-6	0.1-1
Water	7732-18-5	0.1-1
Pectin	9000-69-5	0.1-1
Ascorbic Acid	50-81-7	0.1-1
Potassium Acesulfame	55589-62-3	0.1-1
Flavor	Proprietary	0.1-1
Sodium Acetate	127-09-3	0.1-1
Sodium Chloride	7647-14-5	<0.1
Carmel Color	8028-89-5	<0.1
Red 40	25956-17-6	<0.1
Blue 1	3844-45-9	<0.1
FD&C Blue 2	860-22-0	<0.1

4. FIRST AID MEASURES

Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes; if irritation persists, consult a physician.
Skin contact	Wash skin with soap and water
Inhalation	Move to fresh air
Ingestion	Drink plenty of water
Notes to physician	Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flammable Properties	Not flammable
Flash point	Not applicable
Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
<u>Explosion Data</u>	
Sensitivity to Mechanical Impact	none
Sensitivity to Static Discharge	none

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

NFPA Health Hazard 0 Flammability 0 Stability 0 Physical and chemical hazards -
HMIS Health Hazard 0 Flammability 0 Physical Hazard 0 Personal protection -

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Ensure adequate ventilation

Environmental precautions Try to prevent the material from entering drains or water courses

Methods for Containment Prevent further leakage or spillage if safe to do so

Methods for cleaning up Pick up and transfer to properly labeled containers

7. HANDLING AND STORAGE

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice

Technical measures/Storage conditions Keep containers tightly closed in a dry, cool and well-ventilated place

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sucrose 57-50-1	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust 5 mg/m ³ respirable fraction (vacated) TWA: 15 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ total dust 5 mg/m ³ respirable dust

Engineering Measures Showers Eyewash stations Ventilation systems

Personal Protective Equipment

Eye/Face Protection

No special protective equipment required.

Skin and body protection

No special protective equipment required.

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

<p>Appearance Odor Threshold pH Flash point Decomposition Temperature VALUE Melting point/range Explosion Limits Specific Gravity Water Solubility VALUE Evaporation Rate VALUE Vapor Density VALUE Oxidizing Properties Viscosity, dynamic VALUE</p>	<p>Hard Candy Lozenge. No information available not applicable Not applicable no data available completely soluble</p>	<p>Odor Physical State @20°C Autoignition temperature Boiling point/boiling range Freezing Point Flammability Limits in Air Molecular Weight solubility Vapor Pressure @20°C (kPa) Explosive properties VOC Content Partition Coefficient (n-octanol/water)</p>	<p>sweet. solid Soluble in water. 0</p>
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10. STABILITY AND REACTIVITY

<p>Stability Incompatible products Conditions to Avoid Hazardous Decomposition Products Hazardous Polymerization</p>	<p>Stable under normal conditions None known based on information supplied None known based on information supplied None known based on information supplied Hazardous polymerization does not occur</p>
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11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product Information	Product does not present an acute toxicity hazard based on known or supplied information.
Product Safety Profile	Product is safe for its intended use based on the formulation, testing results, and the long history of safe consumer use.
Inhalation	Not an expected route of exposure
Eye contact	Not an expected route of exposure
Skin contact	No hazard from product as supplied
Ingestion	No hazard from product as supplied

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sucrose	29700 mg/kg (Rat)		
Citric Acid	3000 mg/kg (Rat)		
Water	90 mL/kg (Rat)		
Ascorbic Acid	11900 mg/kg (Rat)		
Sodium Acetate	3530 mg/kg (Rat)	10 g/kg (Rabbit)	30 g/m ³ (Rat) 1 h
Sodium Chloride	3 g/kg (Rat)	10 g/kg (Rabbit)	42 g/m ³ (Rat) 1 h
Red 40	10 g/kg (Rat)	10 g/kg (Rabbit)	
FD&C Blue 2	2 g/kg (Rat)		

Chronic toxicity

Chronic toxicity No known effect

Chemical Name	ACGIH	IARC	NTP	OSHA
Blue 1		Group 3		

Target Organ Effects None known.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
Citric Acid		1516: 96 h Lepomis macrochirus mg/L LC50 static		120: 72 h Daphnia magna mg/L EC50
Sodium Acetate		5000: 24 h Lepomis macrochirus mg/L LC50 static		1000: 48 h Daphnia magna mg/L EC50
Sodium Chloride		4747-7824: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 5560-6080: 96 h Lepomis macrochirus mg/L LC50 flow-through 6020-7070: 96 h Pimephales promelas mg/L LC50 static 6420-6700: 96 h Pimephales promelas mg/L LC50 static 12946: 96 h Lepomis macrochirus mg/L LC50 static 7050: 96 h Pimephales promelas mg/L LC50 semi-static		340.7 - 469.2: 48 h Daphnia magna mg/L EC50 Static 1000: 48 h Daphnia magna mg/L EC50

Chemical Name	log Pow
Citric Acid	-1.72

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

Empty containers should be taken to an approved waste handling site for recycling or disposal

14. TRANSPORT INFORMATION

Dot	Not regulated
Proper shipping name	Consumer Commodity
TDG	Not regulated
MEX	Not regulated
ICAO	Not regulated
ICAO/IATA	Not regulated

<u>IMDG/IMO</u>	Not regulated
<u>RID</u>	Not regulated
<u>ADR/RID</u>	Not regulated
<u>ADN</u>	Not regulated

15. REGULATORY INFORMATION

This product is a drug and as such is regulated under the US Food and Drug Administration (FDA) .

International Inventories

TSCA Exempt

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

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).

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

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International Regulations

Chemical Name	Carcinogen Status	Exposure Limits
Sucrose		Mexico: TWA 10 mg/m ³ Mexico: STEL 20 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.

16. OTHER INFORMATION

Prepared By Prestige Brands, Inc. 660 White Plains Rd., Tarrytown, NY 10591
Issuing date 04-Oct-2011
Revision Date 18-Jul-2014
Revision Note Includes newest flavors

Disclaimer

The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text

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