

# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>Product identifier</b>	Plink Simply Fresh
<b>Other means of identification</b>	Not available
<b>Recommended use</b>	Cleaner and Deodorizer
<b>Recommended restrictions</b>	None known.
<b>Manufacturer</b>	Iron Out dba Summit Brands 7201 Engle Road Fort Wayne, IN 46804-5875 US Phone: 260-483-2519 Emergency Phone: 1-800-424-9300 (CHEMTREC)

## 2. Hazards Identification

<b>Physical hazards</b>	Flammable liquids	Category 3
<b>Health hazards</b>	Skin corrosion/irritation	Category 2
	Sensitization, skin	Category 1
	Aspiration hazard	Category 1
<b>Environmental hazards</b>	Not classified.	
<b>OSHA defined hazards</b>	Not classified.	
<b>Label elements</b>		



<b>Signal word</b>	Danger
<b>Hazard statement</b>	Flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction.
<b>Precautionary statement</b>	
<b>Prevention</b>	Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing mist or vapor. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/eye protection/face protection.
<b>Response</b>	In case of fire: Use appropriate media to extinguish. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention. If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. Wash contaminated clothing before reuse. Specific treatment (see this label).
<b>Storage</b>	Store in a well-ventilated place. Keep cool. Store locked up.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.
<b>Supplemental information</b>	Not applicable.

## 3. Composition/Information on Ingredients

### Mixture

Chemical name	Common name and synonyms	CAS number	%
d-Limonene		5989-27-5	60 - 100
Paraffin wax		8002-74-2	5 - 10
Lanolin		8006-54-0	3 - 7
2,6-Octadienal, 3,7-dimethyl-		5392-40-5	1 - 5

**Composition comments**

US GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

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**4. First Aid Measures**

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**Inhalation**

If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

**Skin contact**

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see product label).

**Eye contact**

Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

**Ingestion**

If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting.

**Most important symptoms/effects, acute and delayed**

Direct contact with eyes may cause temporary irritation. Skin irritation. May cause an allergic skin reaction. Dermatitis. Rash. May cause redness and pain.

**Indication of immediate medical attention and special treatment needed**

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed. Treat patient symptomatically.

**General information**

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse. Keep away from sources of ignition. No smoking. Avoid contact with eyes and skin. Wear suitable protective clothing. Keep out of reach of children.

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**5. Fire Fighting Measures**

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**Suitable extinguishing media**

Carbon dioxide (CO2). Alcohol resistant foam. Water fog. Dry chemical.

**Unsuitable extinguishing media**

Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical**

Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed. Firefighters should wear a self-contained breathing apparatus.

**Special protective equipment and precautions for firefighters**

Firefighters should wear full protective clothing including self contained breathing apparatus. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire-fighting equipment/instructions**

In case of fire and/or explosion do not breathe fumes. 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**

Flammable liquid and vapor.

**Hazardous combustion products**

May include and are not limited to: Oxides of carbon.

**Explosion data**

**Sensitivity to mechanical impact**

Not available.

**Sensitivity to static discharge**

Not available.

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**6. Accidental Release Measures**

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**Personal precautions, protective equipment and emergency procedures**

Keep unnecessary personnel away. Keep out of low areas. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid inhalation of vapors or mists. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**Methods and materials for containment and cleaning up**

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Clean surface thoroughly to remove residual contamination. Pick up and discard. Prevent entry into waterways, sewers, basements or confined areas. For waste disposal, see section 13 of the SDS.

**Environmental precautions**

Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

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**7. Handling and Storage**

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**Precautions for safe handling**

Vapors may form explosive mixtures with air. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Do not smoke. Avoid contact with eyes, skin and clothing. Avoid breathing mist or vapor. Wear appropriate personal protective equipment. When using do not eat or drink. Wash thoroughly after handling. Use good industrial hygiene practices in handling this material. Avoid prolonged or repeated skin contact with this material. Keep container tightly closed.

<b>Conditions for safe storage, including any incompatibilities</b>	Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a closed container away from incompatible materials.
	Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Store in cool place. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS). Keep in an area equipped with sprinklers. Keep out of reach of children.
	Do not store at temperatures above 120°F (49°C).

## 8. Exposure Controls/Personal Protection

### Occupational exposure limits

#### US. ACGIH Threshold Limit Values

Components	Type	Value	Form
2,6-Octadienal, 3,7-dimethyl- (CAS 5392-40-5)	TWA	5 ppm	Inhalable fraction and vapor.
Paraffin wax (CAS 8002-74-2)	TWA	2 mg/m3	Fume.

#### US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Paraffin wax (CAS 8002-74-2)	TWA	2 mg/m3	Fume.

#### US. AIHA Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value
d-Limonene (CAS 5989-27-5)	TWA	165.5 mg/m3 30 ppm

### Biological limit values

No biological exposure limits noted for the ingredient(s).

### Exposure guidelines

Chemicals listed in section 3 that are not listed here do not have established limit values for ACGIH or OSHA PEL.

### Appropriate engineering controls

Not available.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Not normally required when used as directed.

#### Skin protection

**Hand protection** Not normally required when used as directed. Helpful in avoiding unnecessary contact.

**Other** Wear appropriate chemical resistant clothing. As required by employer code.

#### Respiratory protection

Not normally required. Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

#### Thermal hazards

Not applicable.

### General hygiene considerations

When using, do not eat, drink or smoke. 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. Contaminated work clothing should not be allowed out of the workplace.

## 9. Physical and Chemical Properties

<b>Appearance</b>	Solid
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid. Capsule
<b>Color</b>	Green
<b>Odor</b>	Fresh scent
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Pour point</b>	Not available.
<b>Specific gravity</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Flash point</b>	110.0 °F (43.3 °C)

<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Flash point class</b>	Combustible II

## 10. Stability and Reactivity

<b>Reactivity</b>	This product may react with oxidizing agents.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Do not mix with other chemicals.
<b>Incompatible materials</b>	Acids. Oxidizers.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon.

## 11. Toxicological Information

<b>Routes of exposure</b>	Eye, Skin contact, Inhalation, Ingestion.
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### Information on likely routes of exposure

<b>Ingestion</b>	May be fatal if swallowed and enters airways.
<b>Inhalation</b>	May be fatal if swallowed and enters airways.
<b>Skin contact</b>	Causes skin irritation. May cause an allergic skin reaction.

### US ACGIH Threshold Limit Values: Skin designation

2,6-Octadienal, 3,7-dimethyl- (CAS 5392-40-5)	IV	Can be absorbed through the skin.
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<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.
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<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	May cause an allergic skin reaction. Skin irritation. May cause redness and pain. Dermatitis. Rash.
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### Information on toxicological effects

<b>Acute toxicity</b>	May be fatal if swallowed and enters airways. May cause an allergic skin reaction. Contains a potential skin sensitizer.
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<b>Components</b>	<b>Species</b>	<b>Test Results</b>
2,6-Octadienal, 3,7-dimethyl- (CAS 5392-40-5)		
<i>Acute</i>		
<i>Dermal</i>		
LD50	Rabbit	2250 mg/kg
	Rat	> 2000 mg/kg
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Mouse	1440 mg/kg
	Rat	3450 mg/kg

Components	Species	Test Results
d-Limonene (CAS 5989-27-5)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 5000 mg/kg
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Mouse	5600 mg/kg
	Rat	4400 mg/kg
Lanolin (CAS 8006-54-0)		
<b>Acute</b>		
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Rat	41800 mg/kg
Paraffin wax (CAS 8002-74-2)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	>= 3600 mg/kg
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Rat	>= 3750 mg/kg
<b>Skin corrosion/irritation</b>	Causes skin irritation.	
<b>Exposure minutes</b>	Not available.	
<b>Erythema value</b>	Not available.	
<b>Oedema value</b>	Not available.	
<b>Serious eye damage/eye irritation</b>	Direct contact with eyes may cause temporary irritation.	
<b>Corneal opacity value</b>	Not available.	
<b>Iris lesion value</b>	Not available.	
<b>Conjunctival reddening value</b>	Not available.	
<b>Conjunctival oedema value</b>	Not available.	
<b>Recover days</b>	Not available.	
<b>Respiratory or skin sensitization</b>		
<b>Respiratory sensitization</b>	Not available.	
<b>Skin sensitization</b>	May cause an allergic skin reaction. Prolonged or repeated exposure can cause drying, defatting and dermatitis.	
<b>US ACGIH Threshold Limit Values: Skin designation</b>		
2,6-Octadienal, 3,7-dimethyl- (CAS 5392-40-5)	IV	Can be absorbed through the skin.
<b>US ACGIH Threshold Limit Values: Skin designation</b>		
2,6-Octadienal, 3,7-dimethyl- (CAS 5392-40-5)	IV	Can be absorbed through the skin.
<b>Germ cell mutagenicity</b>	Non-hazardous by WHMIS/OSHA criteria.	
<b>Mutagenicity</b>	Non-hazardous by WHMIS/OSHA criteria.	
<b>Carcinogenicity</b>	Ingredients not listed below are not classified or listed by IARC, NTP, OSHA and ACGIH.	
<b>ACGIH Carcinogens</b>		
2,6-Octadienal, 3,7-dimethyl- (CAS 5392-40-5)	A4	Not classifiable as a human carcinogen.
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>		
d-Limonene (CAS 5989-27-5)	Volume 73 - 3	Not classifiable as to carcinogenicity to humans.
<b>Reproductive toxicity</b>	Non-hazardous by WHMIS/OSHA criteria.	
<b>Teratogenicity</b>	Non-hazardous by WHMIS/OSHA criteria.	
<b>Specific target organ toxicity - single exposure</b>	Not classified.	

<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.
<b>Chronic effects</b>	Prolonged inhalation may be harmful.
<b>Further information</b>	Not available.
<b>Name of Toxicologically Synergistic Products</b>	Not available.

## 12. Ecological Information

<b>Ecotoxicity</b>	See below		
<b>Components</b>		<b>Species</b>	<b>Test Results</b>
2,6-Octadienal, 3,7-dimethyl- (CAS 5392-40-5)			
Algae	IC50	Algae	16 mg/L, 72 Hours
Crustacea	EC50	Daphnia	7 mg/L, 48 Hours
d-Limonene (CAS 5989-27-5)			
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Daphnia pulex)	69.6 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	0.619 - 0.796 mg/l, 96 hours
<b>Persistence and degradability</b>	No data is available on the degradability of this product.		
<b>Bioaccumulative potential</b>	No data available.		
<b>Mobility in soil</b>	No data available.		
<b>Mobility in general</b>	Not available.		
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.		

## 13. Disposal Considerations

<b>Disposal instructions</b>	Review federal, state/provincial, and local government requirements prior to disposal. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	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).
<b>Contaminated packaging</b>	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.

## 14. Transport Information

### U.S. Department of Transportation (DOT)

Not regulated as dangerous goods.

### Transportation of Dangerous Goods (TDG - Canada)

#### Basic shipping requirements:

<b>UN number</b>	UN1993
<b>Proper shipping name</b>	FLAMMABLE LIQUID, N.O.S. (d-Limonene)
<b>Hazard class</b>	3
<b>Packing group</b>	III
<b>Special provisions</b>	16
<b>Packaging exceptions</b>	Limited Quantity < 5L

### IATA/ICAO (Air)

#### Basic shipping requirements:

<b>UN number</b>	UN1993
<b>Proper shipping name</b>	Flammable liquid, n.o.s. (d-Limonene)
<b>Hazard class</b>	3
<b>Packing group</b>	III
<b>Limited quantity</b>	<10L
<b>ERG code</b>	3L

**IMDG (Marine Transport)****Basic shipping requirements:**

UN number	UN1993
Proper shipping name	FLAMMABLE LIQUID, N.O.S. (d-Limonene)
Hazard class	3
Packing group	III
EmS	F-E, S-E
Limited quantity <5L	

**IATA; IMDG; TDG**

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**15. Regulatory Information**

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**Canadian federal regulations**

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

**Canada NPRI VOCs with Additional Reporting Requirements: Mass reporting threshold/Identification Number**

d-Limonene (CAS 5989-27-5) 1 TONNES

**Canada WHMIS Ingredient Disclosure: Threshold limits**

2,6-Octadienal, 3,7-dimethyl- (CAS 5392-40-5)	1 %
d-Limonene (CAS 5989-27-5)	1 %

**WHMIS status**

Controlled

**WHMIS classification**

Class B - Division 3 - Combustible Liquid, Class D - Division 2B

**WHMIS labeling****US federal regulations**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)****Hazard categories**

Immediate Hazard - Yes  
Delayed Hazard - Yes  
Fire Hazard - Yes  
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****Safe Drinking Water Act (SDWA)**

Not regulated.

<b>Food and Drug Administration (FDA)</b>	Not regulated.
<b>US state regulations</b>	This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.
<b>US - California Hazardous Substances (Director's): Listed substance</b>	
Paraffin wax (CAS 8002-74-2)	Listed.
<b>US - California Proposition 65 - Carcinogens &amp; Reproductive Toxicity (CRT): Listed substance</b>	
Not listed.	
<b>US - Minnesota Haz Subs: Listed substance</b>	
Paraffin wax (CAS 8002-74-2)	Listed.
<b>US - New Jersey RTK - Substances: Listed substance</b>	
Paraffin wax (CAS 8002-74-2)	Listed.
<b>US - Texas Effects Screening Levels: Listed substance</b>	
2,6-Octadienal, 3,7-dimethyl- (CAS 5392-40-5)	Listed.
d-Limonene (CAS 5989-27-5)	Listed.
Lanolin (CAS 8006-54-0)	Listed.
Paraffin wax (CAS 8002-74-2)	Listed.
<b>US. Massachusetts RTK - Substance List</b>	
Paraffin wax (CAS 8002-74-2)	Listed.
<b>US. Pennsylvania RTK - Hazardous Substances</b>	
Lanolin (CAS 8006-54-0)	Listed.
Paraffin wax (CAS 8002-74-2)	Listed.
<b>US. Rhode Island RTK</b>	
Not regulated.	

#### Inventory status

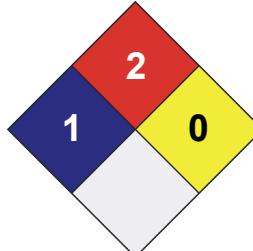
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

#### 16. Other Information

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

<b>HEALTH</b>	<b>*</b>	<b>1</b>
<b>FLAMMABILITY</b>		<b>2</b>
<b>PHYSICAL HAZARD</b>		<b>0</b>
<b>PERSONAL PROTECTION</b>		<b>X</b>



#### Disclaimer

The data contained in this material safety data sheet was obtained from sources that were technically accurate, reliable, and state of the art when this document was prepared. If data was unavailable to complete certain sections, the absence of that data is identified in this document. Because the supplier cannot know the exact circumstances during actual use of this product, other hazards, exposure scenarios, disposal considerations, and regulations may apply and it is the responsibility of the user to read and understand the product label and this document before use. Do not use the product for purposes other than those stated in Section 1.

<b>Issue date</b>	12-March-2015
<b>Effective date</b>	15-March-2015
<b>Expiry date</b>	15-March-2018
<b>Further information</b>	For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.
<b>Prepared by</b>	Dell Tech Laboratories, Ltd. Phone: (519) 858-5021
<b>Other information</b>	Redbook revision # 3, 10/28/14 This Safety Data Sheet was prepared to comply with the current OSHA Hazard Communication Standard (HCS) adoption of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). This SDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.