



# Safety Data Sheet

Issue Date: 19-Sep-2023

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Version 1

## 1. IDENTIFICATION

**Product identifier**

**Product Name** Red Lava

**Other means of identification**

**SDS #** CLP-004

**Recommended use of the chemical and restrictions on use**

**Recommended Use** For industrial use.

**Details of the supplier of the safety data sheet**

Bonnet Pro

4529 Bethlehem Pike

Telford, PA 18969

T 1-877-477-1615 or 215-872-7138

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**Emergency telephone number**

**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** According to product specification

**Physical state** Powder

**Odor** According to product specification

**Classification**

Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1

**Signal Word****Danger****Hazard statements**

Causes serious eye damage

May cause an allergic skin reaction

**Precautionary Statements - Prevention**

Wear protective gloves/protective clothing/eye protection/face protection

Avoid breathing dust/fume/gas/mist/vapors/spray

Contaminated work clothing must not be allowed out of the workplace

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Immediately call a poison center or doctor/physician

IF ON SKIN: Wash with plenty of water and soap

If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse

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**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other hazards**

Toxic to aquatic life with long lasting effects

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Chemical name</b>	<b>CAS No</b>	<b>Weight-%</b>
Sodium carbonate	497-19-8	30-40
Sodium Tripolyphosphate	7758-29-4	10-20
Sodium metasilicate pentahydrate	10213-79-3	10-20
Sodium percarbonate	15630-89-4	5-10
Dipentene	138-86-3	1-5
Nonylphenol Ethoxylate	127087-87-0	1-5
Glycol Ether EB	111-76-2	1-5

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

**4. FIRST AID MEASURES****Description of first aid measures**

<b>General Advice</b>	Provide this SDS to medical personnel for treatment.
<b>Eye Contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
<b>Skin Contact</b>	Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.

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

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<b>Symptoms</b>	Causes serious eye damage. Causes mild skin irritation. May cause an allergic skin reaction. May be harmful if swallowed.
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically.
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**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

<b>Unsuitable Extinguishing Media</b>	Not determined.
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**Specific Hazards Arising from the Chemical**

Not determined.

**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.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

<b>Personal Precautions</b>	Use personal protective equipment as required.
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**Environmental precautions**

<b>Environmental precautions</b>	See Section 12 for additional Ecological Information.
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**Methods and material for containment and cleaning up**

<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
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<b>Methods for Clean-Up</b>	Keep in suitable, closed containers for disposal.
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**7. HANDLING AND STORAGE****Precautions for safe handling**

<b>Advice on Safe Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Wear protective gloves/protective clothing and eye/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace.
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**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Materials** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium metasilicate pentahydrate 10213-79-3	-	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)	-
Sodium Tripolyphosphate 7758-29-4	15 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>	-
Glycol Ether EB 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup> (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m <sup>3</sup> (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m <sup>3</sup>
Ethylacetate 141-78-6	TWA: 400 ppm	TWA: 400 ppm TWA: 1400 mg/m <sup>3</sup> (vacated) TWA: 400 ppm (vacated) TWA: 1400 mg/m <sup>3</sup>	IDLH: 2000 ppm TWA: 400 ppm TWA: 1400 mg/m <sup>3</sup>
Benzyl Acetate 140-11-4	TWA: 10 ppm	-	-

### Appropriate engineering controls

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits.

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

**Eye/Face Protection** Refer to 29 CFR 1910.133 for eye and face protection regulations.

**Skin and Body Protection** Refer to 29 CFR 1910.138 for appropriate skin and body protection.

**Respiratory Protection** Refer to 29 CFR 1910.134 for respiratory protection requirements.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

**Physical state** Powder

**Appearance** According to product specification      **Odor** According to product specification

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<b>Color</b>	According to product specification	<b>Odor Threshold</b>	Not determined
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<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
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<b>pH</b>	No data available	
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<b>Melting point / freezing point</b>	No data available	
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<b>Initial boiling point and boiling range</b>	No data available	
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<b>Flash point</b>	No data available	
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<b>Evaporation Rate</b>	Not determined	
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<b>Flammability (Solid, Gas)</b>	Not determined	
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<b>Flammability Limit in Air</b>		
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<b>Upper flammability or explosive limits</b>	No data available	
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<b>Lower flammability or explosive limits</b>	No data available	
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<b>Vapor Pressure</b>	Not determined	
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<b>Vapor Density</b>	No data available	
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<b>Relative Density</b>	Not determined
<b>Water Solubility</b>	Not determined
<b>Solubility in other solvents</b>	Not determined
<b>Partition Coefficient</b>	Not determined
<b>Autoignition temperature</b>	No data available
<b>Hyphen</b>	Not determined
<b>Kinematic viscosity</b>	Not determined
<b>Dynamic Viscosity</b>	Not determined
<b>Explosive Properties</b>	Not determined
<b>Oxidizing Properties</b>	Not determined

## 10. STABILITY AND REACTIVITY

### **Reactivity**

Not reactive under normal conditions.

### **Chemical stability**

Stable under recommended storage conditions.

### **Possibility of hazardous reactions**

None under normal processing.

### **Conditions to Avoid**

Keep out of reach of children.

### **Incompatible materials**

None known based on information supplied.

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**Hazardous decomposition products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

<b>Eye Contact</b>	Avoid contact with eyes.
<b>Skin Contact</b>	Avoid contact with skin.
<b>Inhalation</b>	Do not inhale.
<b>Ingestion</b>	May be harmful if swallowed.

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium carbonate 497-19-8	= 4090 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	= 2300 mg/m <sup>3</sup> ( Rat ) 2 h
Sodium Sulfate 7757-82-6	> 10000 mg/kg ( Rat )	-	> 2.4 mg/L ( Rat ) 4 h
Sodium Tripolyphosphate 7758-29-4	= 3120 mg/kg ( Rat )	> 4640 mg/kg ( Rabbit )	> 0.39 mg/L ( Rat ) 4 h
Sodium metasilicate pentahydrate 10213-79-3	847 mg/Kg (rat)	-	-
Sodium percarbonate 15630-89-4	= 1034 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-
Dipentene 138-86-3	= 5300 mg/kg ( Rat )	-	-
Glycol Ether EB 111-76-2	= 470 mg/kg ( Rat )	= 435 mg/kg ( Rabbit )	= 450 ppm ( Rat ) 4 h = 486 ppm ( Rat ) 4 h
Nonylphenol Ethoxylate 127087-87-0	= 1310 mg/kg ( Rat )	-	-
Ethyl Butyrate 105-54-4	= 13 g/kg ( Rat )	> 2000 mg/kg ( Rat )	-
Ethyl Acetoacetate 141-97-9	= 3980 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	-
Ethylacetate 141-78-6	= 5620 mg/kg ( Rat )	> 18000 mg/kg ( Rabbit )	= 4000 ppm ( Rat ) 4 h
Benzyl Acetate 140-11-4	= 2490 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	-

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** Causes mild skin irritation.



<b>Serious eye damage/eye irritation</b>	Causes serious eye damage.
<b>Sensitization</b>	May cause an allergic skin reaction.
<b>Carcinogenicity</b>	Group 3 IARC components are "not classifiable as human carcinogens".

Chemical name	ACGIH	IARC	NTP	OSHA
Glycol Ether EB 111-76-2	A3	Group 3		
Benzyl Acetate 140-11-4		Group 3		

**Legend**

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 3 - Not Classifiable as to Carcinogenicity in Humans

**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50 2,307.30 mg/kg ppm mg/l

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Toxic to aquatic life with long lasting effects.

**Component Information**

Chemical name	Algae/aquatic plants	Fish	Crustacea
Sodium carbonate 497-19-8		LC50: =300mg/L (96h, Lepomis macrochirus) LC50: 310 - 1220mg/L (96h, Pimephales promelas)	EC50: =265mg/L (48h, Daphnia magna)
Sodium Sulfate 7757-82-6		LC50: 13500 - 14500mg/L (96h, Pimephales promelas) LC50: >6800mg/L (96h, Pimephales promelas) LC50: 3040 - 4380mg/L (96h, Lepomis macrochirus) LC50: =13500mg/L (96h, Lepomis macrochirus)	EC50: =2564mg/L (48h, Daphnia magna)
Sodium percarbonate 15630-89-4		LC50: =70.7mg/L (96h, Pimephales promelas)	EC50: =4.9mg/L (48h, Daphnia pulex)
Glycol Ether EB 111-76-2		LC50: =1490mg/L (96h, Lepomis macrochirus) LC50: =2950mg/L (96h, Lepomis macrochirus)	EC50: >1000mg/L (48h, Daphnia magna)
Ethyl Acetoacetate 141-97-9	EC50: >500mg/L (72h, Desmodesmus subspicatus)	LC50: =298mg/L (96h, Pimephales promelas) LC50: =290mg/L (96h, Oncorhynchus mykiss) LC50: =307mg/L (96h, Lepomis macrochirus)	EC50: =646mg/L (48h, Daphnia magna)
Ethylacetate 141-78-6		LC50: 220 - 250mg/L (96h, Pimephales promelas)	EC50: =560mg/L (48h, Daphnia magna)

		LC50: =484mg/L (96h, Oncorhynchus mykiss) LC50: 352 - 500mg/L (96h, Oncorhynchus mykiss)	
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**Persistence/Degradability**

Not determined.

**Bioaccumulation**

There is no data for this product.

**Mobility**

Chemical name	Partition coefficient
Nonylphenol Ethoxylate 127087-87-0	5.669
Glycol Ether EB 111-76-2	0.81

**Other adverse effects**

Not determined

### 13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods****Disposal of Wastes**

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

**Contaminated Packaging**

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

**US EPA Waste Number**

Chemical name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Ethylacetate 141-78-6		Included in waste stream: F039		U112

**California Hazardous Waste Status**

Chemical name	California Hazardous Waste Status
Sodium carbonate 497-19-8	Corrosive
Sodium percarbonate 15630-89-4	Ignitable

## 14. TRANSPORT INFORMATION

<b>Note</b>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<b>DOT</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG</b>	
<b>Marine Pollutant</b>	This material may meet the definition of a marine pollutant

## 15. REGULATORY INFORMATION

### International Inventories

Chemical name	TS CA	TSCA Inventory Status	DSL/NDSL	EINECS/ ELINCS	ENCS	IECSC	KECL	PICCS	AIC
Sodium carbonate	X	ACTIVE	X	X	X	X	X	X	X
Sodium Sulfate	X	ACTIVE	X	X	X	X	X	X	X
Sodium Tripolyphosphate	X	ACTIVE	X	X	X	X	X	X	X
Sodium metasilicate pentahydrate	X				X	X		X	
Sodium percarbonate	X	ACTIVE	X	X	X	X	X	X	X
Dipentene	X	ACTIVE	X	X	X	X	X	X	X
Glycol Ether EB	X	ACTIVE	X	X	X	X	X	X	X
Nonylphenol Ethoxylate	X	ACTIVE	X	X	X	X	X	X	X
Ethyl Butyrate	X	ACTIVE	X	X	X	X	X	X	X
Ethyl Acetoacetate	X	ACTIVE	X	X	X	X	X	X	X
Ethylacetate	X	ACTIVE	X	X	X	X	X	X	X
Benzyl Acetate	X	ACTIVE	X	X	X	X	X	X	X

#### Legend:

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European 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

### US Federal Regulations

#### CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Ethylacetate 141-78-6	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	CAS No	Weight-%	SARA 313 - Threshold Values %
Glycol Ether EB - 111-76-2	111-76-2	1-5	1.0
Nonylphenol Ethoxylate - 127087-87-0	127087-87-0	1-5	1.0

**CWA (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)

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Dipentene 138-86-3	X		
Glycol Ether EB 111-76-2	X	X	X
Ethyl Butyrate 105-54-4	X	X	X
Ethyl Acetoacetate 141-97-9			X
Ethylacetate 141-78-6	X	X	X
Benzyl Acetate 140-11-4	X		

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**16. OTHER INFORMATION****NFPA**

Health hazards

Flammability

Instability

Special hazards

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-

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**HMIS**

Health hazards

Flammability

Physical hazards

Personal Protection

-

-

-

Not determined

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Revision Note: New format

**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**