

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

**Product identifier**

**Product Name** Safety Matches

**Other means of identification**

**UN-No.** UN1944  
**Synonyms** Book Matches, Matchbooks, Safety Matches

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

**Recommended use** Matches  
**Uses advised against** No information available

<b>Supplier Information</b>		<b>Tel:</b>	(204) 284-9550
<b>Company Name:</b>	Coghlan's Ltd.	<b>Fax:</b>	(204) 475-4127
<b>Address:</b>	121 Irene Street. Winnipeg, MB CANADA, R3T 4C7	<b>Email:</b>	info@coghlan.com
		<b>Emergency Telephone:</b>	1-877-264-4526

**2. HAZARDS IDENTIFICATION**


**Classification**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable solids	Category 2
------------------	------------

**GHS Label elements, including precautionary statements**

**Emergency Overview**

<b>Signal Word</b>	<b>Warning</b>
<b>Hazard Statements</b> Flammable solids	
	
<b>Appearance:</b> Book match	<b>Physical State:</b> Solid
	<b>Odor:</b> none

**Precautionary Statements - Prevention**

Keep away from heat/sparks/open flames/hot surfaces - No smoking  
 Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

**Precautionary Statements - Storage**

Store in a cool, dry location, away from heat, open flames or sparks, or flammable materials.

**Precautionary Statements - Disposal**

None

**Hazards not otherwise classified (HNOC)**

Smoke from fire may be irritating to lungs and eyes.

**Unknown Toxicity**

11% of the mixture consists of ingredient(s) of unknown toxicity

**Other Information**

None

**Interactions with Other Chemicals**

No information available

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	Weight-%
<b>Match:</b>		
Sulfur	7704-34-9	0.4%
Potassium chlorate	3811-04-9	4%
<b>Striker Strip:</b>		
Amorphous Red Phosphorous	7723-14-0	<1.0 %

**4. FIRST AID MEASURES**

**First aid measures**

**Burns:** Treat all thermal burns with appropriate first aid measures for degree of burn

**Respiratory Distress:** Remove to fresh air and seek medical attention for smoke inhalation

**Eyes:** Flush with fresh water for 15 minutes and seek medical attention.

**Ingestion:** While potassium chlorate is classified as a harmful substance, the quantity present in a single match is very low (typically 8 mg in a single match). With an LD50 of 1870 mg/kg of body weight, death may occur after ingestion of around 106 matches/pound of body weight, i.e. over 2,125 matches for a 20 pound child. The quantities of matches are so large that the health risk is considered negligible.

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

**Most important symptoms and Effects** Coughing and/ or wheezing from smoke inhalation. Difficulty in breathing.

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

**Notes to Physician** Treat symptomatically

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Water is the most effective extinguishant, but dry chemical, CO2, sand, earth, or regular foam can be used.

**Unsuitable Extinguishing Media**

Not known

**Specific Hazards Arising from the Chemical**

A large quantity of matches may burn rapidly with flare burning effect.

**Uniform Fire Code**

FLAMMABLE SOLID: INORGANIC

**Hazardous Combustion Products**

Oxides of carbon, oxides of sulfur

**Protective equipment and precautions for firefighters**

Move containers from fire area if you can do it without risk

**6. ACCIDENTAL RELEASE MEASURES**

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

**Personal Precautions**

The likelihood of match head composition being released into the environment is low. If significant quantities of matches are released by breakage or spillage then remove all potential sources of ignition, salvage any undamaged product and wet down the remaining product before cleaning up.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Handling**

In storage, matches give off no toxic fumes or flammable gases. Matches do not spontaneously catch fire although fires can occur if the product is mishandled. Handling and storage requirements are such as to minimize sources of ignition, and other highly flammable materials.

**Conditions for safe storage, including any incompatibilities**

**Storage**

For safety, store in a cool, dry place, away from heat, open flames or sparks, or flammable materials.

**Incompatible Products**

None known based on available information

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

No special measures are required when handling matches.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical and Chemical Properties**

<b>Physical State</b>	Solid	<b>Odor</b>	None
<b>Appearance</b>	Matches	<b>Odor Threshold</b>	no information available
<b>Color</b>	Various		



<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
pH	No data available	None known
Melting/freezing point	No data available	None known
Boiling point/boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air	No data available	None known
Upper flammability limit	No data available	None known
Lower flammability limit	No data available	None known
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	No data available	None known
Water Solubility	No data available	None known
Solubility in other solvents	No data available	None known
Partition coefficient:		
n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No data available	None known
Oxidizing Properties	No data available	None known
 <b><u>Other information</u></b>		
Softening Point	No data available	None known
VOC Content (%)	No data available	None known
Particle Size	No data available	None known
Particle Size Distribution	No data available	None known

**10. STABILITY AND REACTIVITY**

**Reactivity**

Stable under normal ambient conditions. They are liable to spontaneous combustion at temperatures exceeding 350°F

**Chemical stability**

Stable under recommended storage conditions

**Possibility of Hazardous Reactions**

If ignited in large quantities matches produce much smoke

**Hazardous Polymerization**

Hazardous polymerization does not occur

**Conditions to avoid**

Heat, flames, and sparks

**Incompatible materials**

None known based on available information

**Hazardous Decomposition Products**

Oxides of carbon, oxides of sulfur

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known or supplied information
<b>Inhalation</b>	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. Harmful by inhalation. (based on components).
<b>Eye Contact</b>	Specific test data for the substance or mixture is not available. Expected to be an irritant based on components. Irritating to eyes. May cause redness, itching, and pain. May cause temporary eye irritation.
<b>Skin Contact</b>	Specific test data for the substance or mixture is not available. Expected to be an irritant based on components. Irritating to skin. Prolonged contact may cause redness and irritation.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May be harmful if swallowed. (based on components).

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sulfur 7704-34-9	>3000 mg/kg (Rat)	>2000 mg/kg (Rabbit)	>9.23 mg/L (Rat) 4h
Potassium chlorate 3811-04-9	=1870 mg/kg (Rat)	<2000 mg/kg (Rabbit)	-

**Information on toxicological effects**

**Symptoms** Coughing and/ or wheezing from smoke inhalation.

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

<b>Sensitization</b>	No information available
<b>Mutagenic Effects</b>	No information available
<b>Carcinogenicity</b>	Contains no ingredient listed as a carcinogen
<b>Reproductive Toxicity</b>	No information available
<b>STOT - single exposure</b>	No information available
<b>STOT - repeated exposure</b>	No information available
<b>Chronic Toxicity</b>	No known effect based on available information
<b>Target Organ Effects</b>	Respiratory system from smoke inhalation
<b>Aspiration Hazard</b>	No information available

**Numerical measures of toxicity Product Information**

The following value is calculated based on App A (A.1.3.6.2.4) of the HazCom regulation

**ATEmix (oral)**  
19,299 mg/kg

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

The environmental impact of this product has not been fully investigated

**Persistence and Degradability**

No information available

**Bioaccumulation**

No information available

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

<b>Disposal methods</b>	Should not be released into the environment. Dispose of contents/containers in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
<b>Contaminated Packaging</b>	Dispose of contents/containers in accordance with local regulations
<b>US EPA Waste Number</b>	D001
<b>California Hazardous Waste Codes</b>	181

**14. transport information**

**DOT**

<b>UN-No.</b>	UN1944
<b>Proper Shipping Name</b>	matches, safety
<b>Hazard Class</b>	4.1
<b>Packing Group</b>	III
<b>Description</b>	UN1944, MATCHES, SAFETY, 4.1, III
<b>Emergency Response Guide Number</b>	133

**IDG**

<b>UN-No.</b>	UN1944
<b>Proper Shipping Name</b>	MATCHES, SAFETY
<b>Hazard Class</b>	4.1
<b>Packing Group</b>	III
<b>Description</b>	UN1944, MATCHES, SAFETY, 4.1, III



**MEX**

UN-No.	UN1944
Proper Shipping Name	Matches, safety
Hazard Class	4.1
Packing Group	III
Description	UN1944 Matches, safety, 4.1, III

**ICAO**

UN-No.	UN1944
Proper Shipping Name	Matches, safety
Hazard Class	4.1
Packing Group	iii
Description	UN1944, Matches, safety, 4.1, III

**IATA**

UN-No.	UN1944
Proper Shipping Name	MATCHES, SAFETY
Hazard Class	4.1
Packing Group	iii
Description	UN1944, MATCHES, SAFETY, 4.1, III

**IMDG/IMO**

UN-No.	UN1944
Proper Shipping Name	MATCHES, SAFETY
Hazard Class	4.1
Packing Group	iii
EmS No.	F-A, S-1
Description	UN1944, MATCHES, SAFETY, 4.1, III

**RID**

UN-No.	UN1944
Proper Shipping Name	Matches, safety
Hazard Class	4.1
Packing Group	III
Classification code	F1
Description	UN1944 Matches, safety, 4.1, III

**ADR**

UN-No.	UN1944
Proper Shipping Name	Matches, safety
Hazard Class	4.1
Packing Group	III
Classification code	F1
Description	UN1944 Matches, safety, 4.1, III

**ADN**

UN-No.	UN1944
Proper Shipping Name	Matches, safety
Hazard Class	4.1
Packing Group	III
Classification code	F1
Special Provisions	293
Description	UN1944 Matches, safety, 4.1, III
Hazard Labels	4.1
Limited Quantity	LQ9

**15. REGULATORY INFORMATION**

**International Inventories**

TSCA Complies  
 DSL all components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List.

**US 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	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

**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)

**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

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

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

Chemical Name	NJ	MA	PA	RI	IL
Potassium chlorate 3811-04-9	X	X	X		
Sulfur 7704-34-9	X	X	X		



**International Regulations**

**Canada**  
**WHIMIS Hazard Class**  
B4 - Flammable solid



**16. OTHER INFORMATION**

**NEPA** Health Hazards 1 Flammability 4 Instability 2 Physical & Chemical Hazards

**HMS** Health Hazards 1 Flammability 4 Physical Hazard 2 Personal Protection X

**Disclaimer:** The information contained herein is accurate to the best of our knowledge. My Company makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances.

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

**Product identifier**

**Product Name** Strike Anywhere Matches

**Other means of identification**

**UN-No.** UN1331  
**Synonyms** SAW

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

**Recommended use** Matches  
**Uses advised against** No information available

**Supplier Information**

<b>Company Name:</b>	Coghlan's Ltd.	<b>Tel:</b>	(204) 284-9550
<b>Address:</b>	121 Irene Street.	<b>Fax:</b>	(204) 475-4127
	Winnipeg, MB	<b>Email:</b>	info@coghlan.com
	CANADA, R3T 4C7	<b>Emergency Telephone:</b>	1-877-264-4526

**2. HAZARDS IDENTIFICATION**


**Classification**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable solids	Category 2
------------------	------------

**GHS Label elements, including precautionary statements**

**Emergency Overview**

<b>Signal Word</b>	<b>Warning</b>	
<b>Hazard Statements</b>	Flammable solids	
		
<b>Appearance:</b>	<b>Physical State:</b>	<b>Odor:</b>
wooden match	Solid	none

**Precautionary Statements - Prevention**

Keep away from heat/sparks/open flames/hot surfaces - KEEP AWAY FROM CHILDREN - No smoking  
Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

**Precautionary Statements - Storage**

Store in a cool, dry location, away from heat, open flames or sparks, or flammable materials.

**Precautionary Statements - Disposal**

None

**Hazards not otherwise classified (HNOC)**

Smoke from fire may be irritating to lungs and eyes.

**Unknown Toxicity**

11% of the mixture consists of ingredient(s) of unknown toxicity

**Other Information**

None

**Interactions with Other Chemicals**

No information available

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	Weight-%
<b>Match:</b>		
Sulfur	7704-34-9	0.8%
Phosphorus Sesquisulfide	1314-85-8	0.4%
Potassium chlorate	3811-04-9	8%
Proprietary binders, adhesives & additives	Not Determined	11%
Monoammonium Phosphate treatment added to splint	7722-76-1	trace
Aspen wood splint	67-65-1	~80%
<b>Box &amp; Striker Strip:</b>		
Amorphous Red Phosphorous	7723-14-0	<1.0%

*Note: Exposure to wood dust is not expected during use and handling of this product*
**4. FIRST AID MEASURES**
**First aid measures**
**Burns:** Treat all thermal burns with appropriate first aid measures for degree of burn

**Respiratory Distress:** Remove to fresh air and seek medical attention for smoke inhalation

**Eyes:** Flush with fresh water for 15 minutes and seek medical attention.

**Ingestion:** While potassium chlorate is classified as a harmful substance, the quantity present in a single match is very low (typically 16 mg in a kitchen match). With an LD50 of 1870 mg/kg of body weight, death may occur after ingestion of around 53 kitchen matches/pound of body weight, i.e. over 1000 matches for a 20 pound child. The quantities of matches are so large that the health risk is considered negligible.

**Most important symptoms and effects, both acute and delayed**
**Most important symptoms and Effects** Coughing and/ or wheezing from smoke inhalation. Difficulty in breathing.



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

Notes to Physician                      Treat symptomatically

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Water is the most effective extinguishant, but dry chemical, CO<sub>2</sub>, sand, earth, or regular foam can be used.

**Unsuitable Extinguishing Media**

Not known

**Specific Hazards Arising from the Chemical**

Combustible, may ignite from excessive heat, crushing, or dropping. A large quantity of matches may burn rapidly with flare burning effect. Smoke from fire may be irritating to lungs and eyes.

Uniform Fire Code                      FLAMMABLE SOLID: INORGANIC

**Hazardous Combustion Products**

Oxides of carbon, oxides of sulfur

**Protective equipment and precautions for firefighters**

Move containers from fire area if you can do it without risk

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

**Personal Precautions**                      The likelihood of match head composition being released into the environment is low. If significant quantities of matches are released by breakage or spillage then remove all potential sources of ignition, salvage any undamaged product and wet down the remaining product before cleaning up.

**7. HANDLING AND STORAGE****Precautions for safe handling**

**Handling**                                      In storage, matches give off no toxic fumes or flammable gases. If mishandled, dropped, crushed, or exposed to excessive heat, matches may ignite. If packaging is intact, packaging is designed to smother unintended ignition. Handling and storage requirements are such as to minimize mishandling, sources of ignition, and other highly flammable materials.

**Conditions for safe storage, including any incompatibilities**

**Storage**                                        Store in a cool, dry location, away from heat, open flames or sparks, or flammable materials.

**Incompatible Products**                      Do not store with readily oxidizable substances, phosphorus, acids, bases, finely divided metals or organic materials.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure Guidelines**                      No special measures are required when handling matches.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

<b>Physical State</b>	Solid	<b>Odor</b>	None
<b>Appearance</b>	Matches	<b>Odor Treshold</b>	no iniformation available
<b>Color</b>	Various		

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
pH	No data available	None known
Melting/freezing point	No data available	None known
Boiling point/boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air	No data available	None known
Upper flammability limit	No data available	None known
Lower flammability limit	No data available	None known
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	No data available	None known
Water Solubility	No data available	None known
Solubility in other solvents	No data available	None known
Partition coefficient:		
n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kiinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No data available	None known
Oxidizing Properties	No data available	None known

### Other information

<b>Softening Point</b>	No data available	None known
<b>VOC Content (%)</b>	No data available	None known
<b>Particle Size</b>	No data available	None known
<b>Particle Size Distribution</b>	No data available	None known

## 10. STABILITY AND REACTIVITY

### Reactivity

Stable under normal ambient conditions. They are liable to spontaneous combustion at temperatures exceeding 350°F

**Chemical stability**                      Stable under recommended storage conditions

### Possibility of Hazardous Reactions

If ignited in large quantities matches produce much smoke. Do not crush or drop.  
**KEEP AWAY FROM CHILDREN**



**Hazardous Polymerization** Hazardous polymerization does not occur

**Conditions to avoid** Heat, flames, and sparks

**Incompatible materials** Do not mix with readily oxidizable substances, phosphorus, acids, bases, finely divided metals or organic materials.

**Hazardous Decomposition Products**

Oxides of carbon, oxides of sulfur

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

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

**Inhalation** Specific test data for the substance or mixture is not available. Inhalation of fumes from ignited material may cause irritation of respiratory tract.

**Eye Contact** Specific test data for the substance or mixture is not available. Exposure to fumes from ignited material may be irritating to eyes. May cause redness, itching, and pain. May cause temporary eye irritation.

**Skin Contact** Specific test data for the substance or mixture is not available.

**Ingestion** Specific test data for the mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion of large quantities may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sulfur 7704-34-9	>3000 mg/kg (Rat)	>2000 mg/kg (Rabbit)	>9.23 mg/L (Rat) 4h
Potassium chlorate 3811-04-9	=1870 mg/kg (Rat)	<2000 mg/kg (Rabbit)	-
Phosphorus sesquisulfide 1314-85-8	=100 mg/kg (Dog)	-	-

**Information on toxicological effects**

**Symptoms** Coughing and/ or wheezing from smoke inhalation.

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

**Sensitization** No information available

**Mutagenic Effects** No information available

**Carcinogenicity** Contains no ingredient listed as a carcinogen

**Reproductive Toxicity** No information available

**STOT - single exposure** No information available

**STOT - repeated exposure** No information available

**Chronic Toxicity** No known effect based on available information

**Target Organ Effects** Respiratory system from smoke inhalation



**Aspiration Hazard** No information available

**Numerical measures of toxicity Product Information**

The following value is calculated based on App A (A.1.3.6.2.4) of the HazCom regulation

**ATEmix (oral)**  
11,703 mg/kg

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

The environmental impact of this product has not been fully investigated

**Persistence and Degradability**

No information available

**Bioaccumulation**

No information available

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal methods** Should not be released into the environment. Dispose of contents/containers in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated Packaging** Dispose of contents/containers in accordance with local regulations

**US EPA Waste Number** D001

**California Hazardous Waste Codes** 181

**14. transport information**

**DOT**

**UN-No.** UN1331  
**Proper Shipping Name** MATCHES, STRIKE ANYWHERE  
**Hazard Class** 4.1  
**Packing Group** III  
**Description** UN1331, MATCHES, STRIKE ANYWHERE, 4.1, III  
**Emergency Response Guide Number** 133

**TDG**

**UN-No.** UN1331  
**Proper Shipping Name** MATCHES, STRIKE ANYWHERE  
**Hazard Class** 4.1  
**Packing Group** III  
**Description** UN1331, MATCHES, STRIKE ANYWHERE, 4.1, III

**MEX**

UN-No. UN1331  
 Proper Shipping Name MATCHES, STRIKE ANYWHERE  
 Hazard Class 4.1  
 Packing Group III  
 Description UN1331, MATCHES, STRIKE ANYWHERE, 4.1, III

**ICAO**

UN-No. UN1331  
 Proper Shipping Name MATCHES, STRIKE ANYWHERE  
 Hazard Class 4.1  
 Packing Group III  
 Description UN1331, MATCHES, STRIKE ANYWHERE, 4.1, III

**IATA**

UN-No. UN1331  
 Proper Shipping Name MATCHES, STRIKE ANYWHERE  
 Hazard Class 4.1  
 Packing Group III  
 Description UN1331, MATCHES, STRIKE ANYWHERE, 4.1, III

**15. REGULATORY INFORMATION**

**International Inventories**

TSCA Complies  
 DSL all components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List.

**US 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**

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	Yes
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

**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)

**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

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

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

Chemical Name	NJ	MA	PA	RI	IL
Potassium chlorate 3811-04-9	X	X	X		
Sulfur 7704-34-9	X	X	X		

**International Regulations**

Canada  
**WHMIS Hazard Class**  
B4 - Flammable solid



**16. OTHER INFORMATION**

<b>NFPA</b>	Health Hazards 1	Flammability 3	Instability 2	Physical & Chemical Hazards
<b>HMIS</b>	Health Hazards 1	Flammability 3	Physical Hazard 2	Personal Protection X

**Disclaimer:** The information contained herein is accurate to the best of our knowledge. My Company makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances.