



**Section 1: Identification of the Substance/Mixture and of the Company/Undertaking**

**1.1 Product identifier**

**Product Name** • LP Engineered Wood Products

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

**Relevant identified use(s)** • Various engineered wood building products for wall, roof, or floor components; structural or nonstructural construction components; industrial applications.  
**This SDS applies to all of LP's wood products except those with fire retardant coatings.**

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

**Manufacturer** • Louisiana-Pacific Corporation  
414 Union Street, Suite 2000  
Nashville, TN 37219  
United States  
www.lpcorp.com

**Telephone (General)** • 877-744-5600

**1.4 Emergency telephone number**

**Manufacturer** • 615-986-5600

**Section 2: Hazards Identification**

**This product is not hazardous in the form in which it is shipped by the manufacturer but health and/or physical hazards may be created by downstream activities (e.g., cutting, sanding, milling) that reduce its particle size. Those downstream hazards are described below.**

**EU/EEC**

According to: Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 2015/830]

**2.1 Classification of the substance or mixture**

**CLP** • Skin Sensitization 1 - H317  
Respiratory Sensitization 1 - H334  
Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation - H335  
Carcinogenicity 1A - H350

**2.2 Label Elements**

**CLP**

**DANGER**



**Hazard statements** • H317 - May cause an allergic skin reaction  
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled  
H335 - May cause respiratory irritation  
H350 - May cause cancer.

### Precautionary statements

**Prevention** • P202 - Do not handle until all safety precautions have been read and understood.  
P261 - Avoid breathing dust.  
P271 - Use (saw, sand, etc.) only outdoors or in a well-ventilated area.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P284 - In case of inadequate ventilation wear respiratory protection.

**Response** • P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER/doctor.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P308+P313 - IF exposed or concerned: Get medical advice/attention.

**Storage/Disposal** • P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## 2.3 Other Hazards

### CLP

• May form combustible dust concentrations in air.  
According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.

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## United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

## 2.1 Classification of the substance or mixture

### OSHA HCS 2012

• Skin Sensitization 1  
Respiratory Sensitization 1  
Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation  
Carcinogenicity 1A  
Combustible Dust

## 2.2 Label elements

### OSHA HCS 2012

### DANGER



**Hazard statements** • May cause an allergic skin reaction  
May cause allergy or asthma symptoms or breathing difficulties if inhaled  
May cause respiratory irritation  
May cause cancer.  
May form combustible dust concentrations in air.

### Precautionary statements

**Prevention** • Do not handle until all safety precautions have been read and understood.  
Avoid breathing dust.  
Use (saw, sand, etc.) only outdoors or in a well-ventilated area.  
Wear protective gloves/protective clothing/eye protection/face protection.  
In case of inadequate ventilation wear respiratory protection.

**Response** • IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.  
If on skin: Wash with plenty of water.  
If skin irritation or rash occurs: Get medical advice/attention.  
Wash contaminated clothing before reuse.  
IF exposed or concerned: Get medical advice/attention.

**Storage/Disposal** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## 2.3 Other hazards

**OSHA HCS 2012** • Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

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## Canada

According to: WHMIS 2015

## 2.1 Classification of the substance or mixture

**WHMIS 2015** • Not classified

## 2.2 Label elements

**WHMIS 2015**

**Hazard statements** • No label element(s) required

**Precautionary statements**

## 2.3 Other hazards

**WHMIS 2015** • Under Canadian regulations (Workplace Hazardous Materials Information System (WHMIS) - Hazardous Products Act (HPA), Section 11(1)), these product(s) are exempt and considered manufactured article(s) under stated normal conditions of use.

## 2.4 Other information

- This product is not hazardous in the form in which it is shipped by the manufacturer but health and/or physical hazards may be created by downstream activities (e.g., cutting, sanding, milling) that reduce its particle size. Those hazards are described above.
- This may be a treated engineered wood article:
  - Treated panel, siding, trim, laminated strand lumber (LSL), or I-Joist products which incorporate a biocidal product to control wood destroying organisms (insect or fungal). Active Ingredient: Boric Acid.
  - Treated I-Joist or laminated veneer lumber products which incorporate a biocidal product to control wood destroying organisms (insect). Active Ingredients: Bifenthrin, or Imidacloprid.
  - When working with any of the treated products, the following is recommended:  
Use (saw, sand, etc.) only outdoors in a well-ventilated area. Avoid breathing wood dust. In case of inadequate ventilation, wear respiratory protection. Wear appropriate PPE (gloves, eye, and face protection). Do not eat, drink or smoke when using this product. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Avoid prolonged and repeated contact with the skin. Store

in a protected location. Dispose of waste material in accordance with local, regional and national regulations.

## Section 3 - Composition/Information on Ingredients

### 3.1 Substances

- Material does not meet the criteria of a substance in accordance with Regulation (EC) No 1272/2008.

### 3.2 Mixtures

Composition			
Chemical Name	Identifiers	%	Classifications According to Regulation/Directive
Wood (may include fiber, strands, or veneer)	NDA	80% TO 95%	EU CLP: Skin Sens. 1, H317; Resp. Sens. 1, H334; STOT SE 3: Resp. Irrit., H335; Carc. 1A, H350 OSHA HCS 2012: Skin Sens. 1; Resp. Sens. 1; STOT SE 3: Resp. Irrit.; Carc. 1A; Comb. Dust WHMIS 2015: Skin Sens. 1; Resp. Sens. 1; STOT SE 3: Resp. Irrit.; Carc. 1A; Comb. Dust
Resin (one or more of the following resins may be incorporated in the product)			
..... Phenol-Formaldehyde Resin Solids	CAS:9003-35-4	< 14%	EU CLP: Exposure limits (member states) OSHA HCS 2012: Not relevant WHMIS 2015: Not relevant
..... Polyurea/Polyurethane Solids <sup>(1)</sup>	NDA	< 10%	EU CLP: Not relevant OSHA HCS 2012: Not relevant WHMIS 2015: Not relevant
..... Phenol-Resorcinol-Formaldehyde Resin Solids (may be present in I-Joist products)	NDA	< 9%	EU CLP: Not relevant OSHA HCS 2012: Not relevant WHMIS 2015: Not relevant
..... Melamine-Formaldehyde Resin Solids (may be present in I-Joist products)	CAS:25036-13-9	< 2%	EU CLP: Not relevant OSHA HCS 2012: Not relevant WHMIS 2015: Not relevant
Wax (paraffin, slack, emulsion)	CAS:8002-74-2 EC Number:232-315-6	< 2%	EU CLP: Exposure limits OSHA HCS 2012: Exposure limits WHMIS 2015: Exposure limits
Overlays or laminates (paper / foil etc)	NDA	< 5%	EU CLP: Not relevant OSHA HCS 2012: Not relevant WHMIS 2015: Not relevant
Paints / Sealers / Glues Adhesives / Release Agents	NDA	< 2%	EU CLP: Not relevant OSHA HCS 2012: Not relevant WHMIS 2015: Not relevant
Aluminum sulfate (2:3) (may be present in fiber-based products)	CAS:10043-01-3 EINECS:233-135-0	< 2%	EU CLP: Exposure limits OSHA HCS 2012: Exposure limits WHMIS 2015: Exposure limits
Polymerized linseed oil (may be present in fiber-based products)	CAS:67746-08-1	< 1%	EU CLP: Not relevant OSHA HCS 2012: Not relevant WHMIS 2015: Not relevant
Boric Acid, Zinc Salt (may be present in treated panel, siding, trim, laminated strand lumber (LSL), or I-Joist products)	CAS:138265-88-0	< 3%	EU CLP: Exposure limits OSHA HCS 2012: Exposure limits WHMIS 2015: Exposure limits
Imidacloprid (may be present in treated I-Joist or laminated veneer lumber products)	CAS:138261-41-3 EU Index:612-252-00-4	< 0.01%	EU CLP: Not relevant OSHA HCS 2012: Not relevant WHMIS 2015: Not relevant
Bifenthrin (may be present in treated I-Joist or laminated veneer lumber products)	CAS:82657-04-3 EU Index:607-699-00-7	< 0.01%	EU CLP: Not relevant OSHA HCS 2012: Not relevant WHMIS 2015: Not relevant

(1) This ingredient is a cured, inert and polymerized form of polymeric diphenylmethane diisocyanate (pMDI) adhesive. All pMDI has been reacted during the curing process to form polyurea/polyurethane solids.

#### Key to abbreviations

NDA = No Data Available

## Section 4 - First Aid Measures

### 4.1 Description of first aid measures

- Inhalation** • IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.
- Skin** • In case of contact with substance, wash with plenty of soap and water. If irritation develops and persists, get medical attention.
- Eye** • In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.
- Ingestion** • First aid is not expected to be necessary if material is used under ordinary conditions and as recommended.

### 4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

### 4.3 Indication of any immediate medical attention and special treatment needed

- Notes to Physician** • All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

## Section 5 - Firefighting Measures

### 5.1 Extinguishing media

- Suitable Extinguishing Media** • Water, Dry Chemical, Sand and CO<sub>2</sub>.

- Unsuitable Extinguishing Media** • None known.

### 5.2 Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards** • Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.
- Hazardous Combustion Products** • No data available

### 5.3 Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.

## Section 6 - Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

- Personal Precautions** • Use appropriate Personal Protective Equipment (PPE) Do not breathe dust. Avoid generating dust. Avoid contact with skin, eyes or clothing.
- Emergency Procedures** • ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Avoid activities that cause wood dust to become airborne.

### 6.2 Environmental precautions

- No special environmental precautions necessary.

### 6.3 Methods and material for containment and cleaning up

- Containment/Clean-up Measures** • Avoid generating dust. Dust deposits should not be allowed to accumulate on surfaces, as these may form an

explosive mixture if they are released into the atmosphere in sufficient concentration. Sweep up carefully to avoid generating airborne dust or use vacuum rated for use with combustible dust.

Place recovered wood dust in a container for proper disposal.

#### 6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

### Section 7 - Handling and Storage

#### 7.1 Precautions for safe handling

**Handling** • Minimize dust generation and accumulation. Do not use in areas without adequate ventilation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Provide adequate precautions, such as electrical grounding and bonding. Keep away from heat and ignition sources – No Smoking. Do not breathe dust. Do not eat, drink or smoke when using this product. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Avoid prolonged and repeated contact with the skin.

#### 7.2 Conditions for safe storage, including any incompatibilities

**Storage** • Store in a dry, well-ventilated place.

#### 7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

### Section 8 - Exposure Controls/Personal Protection

#### 8.1 Control parameters

Exposure Limits/Guidelines						
	Result	ACGIH	Australia	Canada Alberta	Canada British Columbia	Canada Manitoba
Wax (paraffin, slack, emulsion) (8002-74-2)	TWAs	2 mg/m3 TWA (fume)	2 mg/m3 TWA (fume)	2 mg/m3 TWA (fume)	2 mg/m3 TWA (fume)	2 mg/m3 TWA (fume)
Boric Acid, Zinc Salt	TWAs	10 mg/m3 TWA (inhalable particles, recommended); 3 mg/m3 TWA (respirable particles, recommended) <i>as Particulates not otherwise classified (PNOC)</i>	Not established	10 mg/m3 TWA (total); 3 mg/m3 TWA (respirable) <i>as Particulates not otherwise classified (PNOC)</i>	10 mg/m3 TWA (nuisance dust, total dust); 3 mg/m3 TWA (nuisance dust, respirable fraction) <i>as Particulates not otherwise classified (PNOC)</i>	10 mg/m3 TWA (inhalable particles, recommended); 3 mg/m3 TWA (respirable particles, recommended) <i>as Particulates not otherwise classified (PNOC)</i>
Wood (may include fiber, strands, or veneer)	TWAs	10 mg/m3 TWA (inhalable particles, recommended); 3 mg/m3 TWA (respirable particles, recommended) <i>as Particulates not otherwise classified (PNOC)</i>	Not established	10 mg/m3 TWA (total); 3 mg/m3 TWA (respirable) <i>as Particulates not otherwise classified (PNOC)</i>  5 mg/m3 TWA (total) <i>as Wood dust, all soft and hard woods</i>	10 mg/m3 TWA (nuisance dust, total dust); 3 mg/m3 TWA (nuisance dust, respirable fraction) <i>as Particulates not otherwise classified (PNOC)</i>	10 mg/m3 TWA (inhalable particles, recommended); 3 mg/m3 TWA (respirable particles, recommended) <i>as Particulates not otherwise classified (PNOC)</i>
Exposure Limits/Guidelines (Con't.)						
	Result	Canada New Brunswick	Canada Northwest Territories	Canada Nova Scotia	Canada Nunavut	Canada Ontario

Wax (paraffin, slack, emulsion) (8002-74-2)	TWAs	2 mg/m3 TWA (fume)	2 mg/m3 TWA	2 mg/m3 TWA (fume)	2 mg/m3 TWA	2 mg/m3 TWA (fume)
	STELs	Not established	4 mg/m3 STEL	Not established	4 mg/m3 STEL	Not established
Boric Acid, Zinc Salt	TWAs	3 mg/m3 TWA (particulate matter containing no Asbestos and <1% Crystalline silica, respirable fraction); 10 mg/m3 TWA (particulate matter containing no Asbestos and <1% Crystalline silica, inhalable fraction)  <i>as Particulates not otherwise classified (PNOC)</i>	10 mg/m3 TWA (insoluble or poorly soluble, inhalable fraction); 3 mg/m3 TWA (insoluble or poorly soluble, respirable fraction)  <i>as Particulates not otherwise classified (PNOC)</i>	10 mg/m3 TWA (inhalable particles, recommended); 3 mg/m3 TWA (respirable particles, recommended)  <i>as Particulates not otherwise classified (PNOC)</i>	10 mg/m3 TWA (insoluble or poorly soluble, inhalable fraction); 3 mg/m3 TWA (insoluble or poorly soluble, respirable fraction)  <i>as Particulates not otherwise classified (PNOC)</i>	10 mg/m3 TWA (inhalable); 3 mg/m3 TWA (respirable)  <i>as Particulates not otherwise classified (PNOC)</i>
	STELs	Not established	20 mg/m3 STEL (insoluble or poorly soluble, inhalable fraction); 6 mg/m3 STEL (insoluble or poorly soluble, respirable fraction)  <i>as Particulates not otherwise classified (PNOC)</i>	Not established	20 mg/m3 STEL (insoluble or poorly soluble, inhalable fraction); 6 mg/m3 STEL (insoluble or poorly soluble, respirable fraction)  <i>as Particulates not otherwise classified (PNOC)</i>	Not established
Wood (may include fiber, strands, or veneer)	TWAs	3 mg/m3 TWA (particulate matter containing no Asbestos and <1% Crystalline silica, respirable fraction); 10 mg/m3 TWA (particulate matter containing no Asbestos and <1% Crystalline silica, inhalable fraction)  <i>as Particulates not otherwise classified (PNOC)</i>	10 mg/m3 TWA (insoluble or poorly soluble, inhalable fraction); 3 mg/m3 TWA (insoluble or poorly soluble, respirable fraction)  <i>as Particulates not otherwise classified (PNOC)</i>	10 mg/m3 TWA (inhalable particles, recommended); 3 mg/m3 TWA (respirable particles, recommended)  <i>as Particulates not otherwise classified (PNOC)</i>	10 mg/m3 TWA (insoluble or poorly soluble, inhalable fraction); 3 mg/m3 TWA (insoluble or poorly soluble, respirable fraction)  <i>as Particulates not otherwise classified (PNOC)</i>	10 mg/m3 TWA (inhalable); 3 mg/m3 TWA (respirable)  <i>as Particulates not otherwise classified (PNOC)</i>
	STELs	Not established	20 mg/m3 STEL (insoluble or poorly soluble, inhalable fraction); 6 mg/m3 STEL (insoluble or poorly soluble, respirable fraction)  <i>as Particulates not otherwise classified (PNOC)</i>	Not established	20 mg/m3 STEL (insoluble or poorly soluble, inhalable fraction); 6 mg/m3 STEL (insoluble or poorly soluble, respirable fraction)  <i>as Particulates not otherwise classified (PNOC)</i>	Not established
<b>Exposure Limits/Guidelines (Con't.)</b>						
	<b>Result</b>	<b>Canada Quebec</b>	<b>Canada Saskatchewan</b>	<b>Canada Yukon</b>	<b>Chile</b>	<b>China</b>
Wax (paraffin, slack, emulsion) (8002-74-2)	STELs	Not established	4 mg/m3 STEL	6 mg/m3 STEL (fume)	Not established	4 mg/m3 STEL (fume)
	TWAs	2 mg/m3 TWA EV (fume)	2 mg/m3 TWA	2 mg/m3 TWA (fume)	1.6 mg/m3 TWA LPP (solid, fume)	2 mg/m3 TWA (fume)
Boric Acid, Zinc Salt	STELs	Not established	20 mg/m3 STEL (insoluble or poorly soluble, inhalable)	Not established	Not established	16 mg/m3 STEL (free SiO <sub>2</sub> <10%; except asbestos and toxic)

			fraction); 6 mg/m3 STEL (insoluble or poorly soluble, respirable fraction)  <i>as Particulates not otherwise classified (PNOC)</i>			substances; use PC-STEEL of silica When free SiO2 >10%, total)  <i>as Particulates not otherwise classified (PNOC)</i>
	TWAs	10 mg/m3 TWAEV (including dust, inert or nuisance particulates; containing no Asbestos and <1% Crystalline silica, total dust)  <i>as Particulates not otherwise classified (PNOC)</i>	10 mg/m3 TWA (insoluble or poorly soluble, inhalable fraction); 3 mg/m3 TWA (insoluble or poorly soluble, respirable fraction)  <i>as Particulates not otherwise classified (PNOC)</i>	Not established	Not established	8 mg/m3 TWA (free SiO2 <10%, except asbestos and toxic substances. Use PC-TWA of silica When free SiO2 >10%, total)  <i>as Particulates not otherwise classified (PNOC)</i>
Wood (may include fiber, strands, or veneer)	STELs	Not established	20 mg/m3 STEL (insoluble or poorly soluble, inhalable fraction); 6 mg/m3 STEL (insoluble or poorly soluble, respirable fraction)  <i>as Particulates not otherwise classified (PNOC)</i>	10 mg/m3 STEL (non-allergenic); 5 mg/m3 STEL (allergenic, including cedar, mahogany, teak)  <i>as Wood dust, all soft and hard woods</i>	Not established	16 mg/m3 STEL (free SiO2 <10%; except asbestos and toxic substances; use PC-STEEL of silica When free SiO2 >10%, total)  <i>as Particulates not otherwise classified (PNOC)</i>  6 mg/m3 STEL (total)  <i>as Wood dust, all soft and hard woods</i>
	TWAs	10 mg/m3 TWAEV (including dust, inert or nuisance particulates; containing no Asbestos and <1% Crystalline silica, total dust)  <i>as Particulates not otherwise classified (PNOC)</i>  5 mg/m3 TWAEV (except red cedar, containing no Asbestos and <1% Crystalline silica, total dust)  <i>as Wood dust, all soft and hard woods</i>	10 mg/m3 TWA (insoluble or poorly soluble, inhalable fraction); 3 mg/m3 TWA (insoluble or poorly soluble, respirable fraction)  <i>as Particulates not otherwise classified (PNOC)</i>	5 mg/m3 TWA (non-allergenic); 2.5 mg/m3 TWA (allergenic, including cedar, mahogany, teak)  <i>as Wood dust, all soft and hard woods</i>	Not established	8 mg/m3 TWA (free SiO2 <10%, except asbestos and toxic substances. Use PC-TWA of silica When free SiO2 >10%, total)  <i>as Particulates not otherwise classified (PNOC)</i>  3 mg/m3 TWA (total)  <i>as Wood dust, all soft and hard woods</i>
<b>Exposure Limits/Guidelines (Con't.)</b>						
	<b>Result</b>	<b>Czech Republic</b>	<b>France</b>	<b>Korea</b>	<b>Mexico</b>	<b>New Zealand</b>
Wax (paraffin, slack, emulsion) (8002-74-2)	STELs	Not established	Not established	Not established	6 mg/m3 STEL [PPT-CT] (fume)	Not established
	TWAs	Not established	2 mg/m3 TWA [VME] (fume)	2 mg/m3 TWA (fume, Serial No. 004)	2 mg/m3 TWA VLE-PPT (fume)	2 mg/m3 TWA (fume)
Boric Acid, Zinc Salt	TWAs	Not established	10 mg/m3 TWA [VME] (restrictive)	10 mg/m3 TWA (no more than 1%)	Not established	3 mg/m3 TWA (respirable dust); 10

			limit); 5 mg/m <sup>3</sup> TWA [VME] (restrictive limit)  <i>as Particulates not otherwise classified (PNOC)</i>	crystalline silica, Serial No. 717)  <i>as Particulates not otherwise classified (PNOC)</i>		mg/m <sup>3</sup> TWA  <i>as Particulates not otherwise classified (PNOC)</i>
Phenol-Formaldehyde Resin Solids (9003-35-4)	TWAs	5.0 mg/m <sup>3</sup> TWA (dust)	Not established	Not established	Not established	Not established
Wood (may include fiber, strands, or veneer)	TWAs	Not established	10 mg/m <sup>3</sup> TWA [VME] (restrictive limit); 5 mg/m <sup>3</sup> TWA [VME] (restrictive limit)  <i>as Particulates not otherwise classified (PNOC)</i>  1 mg/m <sup>3</sup> TWA [VME] (restrictive limit)  <i>as Wood dust, all soft and hard woods</i>	10 mg/m <sup>3</sup> TWA (no more than 1% crystalline silica, Serial No. 717)  <i>as Particulates not otherwise classified (PNOC)</i>	Not established	3 mg/m <sup>3</sup> TWA (respirable dust); 10 mg/m <sup>3</sup> TWA  <i>as Particulates not otherwise classified (PNOC)</i>
Exposure Limits/Guidelines (Con't.)						
	Result	NIOSH	OSHA	Russia	United Kingdom	
Wax (paraffin, slack, emulsion) (8002-74-2)	STELs	Not established	Not established	Not established	6 mg/m <sup>3</sup> STEL (fume)	
	TWAs	2 mg/m <sup>3</sup> TWA (fume)	Not established	Not established	2 mg/m <sup>3</sup> TWA (fume)	
Aluminum sulfate (2:3) (10043-01-3)	STELs	Not established	Not established	2 mg/m <sup>3</sup> STEL (aerosol, as Al)	Not established	
	TWAs	Not established	Not established	0.5 mg/m <sup>3</sup> TWA (aerosol, as Al)	Not established	
Boric Acid, Zinc Salt	TWAs	Not established	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)  <i>as Particulates not otherwise classified (PNOC)</i>	Not established	Not established	
Phenol-Formaldehyde Resin Solids (9003-35-4)	TWAs	Not established	Not established	6 mg/m <sup>3</sup> TWA (aerosol)	Not established	
Wood (may include fiber, strands, or veneer)	TWAs	1 mg/m <sup>3</sup> TWA  <i>as Wood dust, all soft and hard woods</i>	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)  <i>as Particulates not otherwise classified (PNOC)</i>	6 mg/m <sup>3</sup> TWA (containing <2% Silicon dioxide, aerosol, listed under Animal and plant origin dust)  <i>as Wood dust, all soft and hard woods</i>	Not established	

### Exposure Control Notations

#### Japan

•Wood (may include fiber, strands, or veneer) as Wood dust, all soft and hard woods: **Carcinogens:** (Group 1 - Carcinogenic to Humans)

#### Russia

•Wood (may include fiber, strands, or veneer) as Wood dust, all soft and hard woods: **Sensitizers:** (Allergenic substance (containing <2% Silicon dioxide, listed under Animal and plant origin dust))

### Exposure Limits Supplemental

#### OSHA

•Wood (may include fiber, strands, or veneer) as Particulates not otherwise classified (PNOC): **Mineral Dusts:** (15 mppcf TWA (respirable fraction); 5 mg/m<sup>3</sup> TWA (respirable fraction); 50 mppcf TWA (total dust); 15 mg/m<sup>3</sup> TWA (total dust))

•Boric Acid, Zinc Salt as Particulates not otherwise classified (PNOC): **Mineral Dusts:** (15 mppcf TWA (respirable fraction); 5 mg/m<sup>3</sup> TWA (respirable

fraction); 50 mppcf TWA (total dust); 15 mg/m<sup>3</sup> TWA (total dust))

**ACGIH**

•Wax (paraffin, slack, emulsion) (8002-74-2): **TLV Basis - Critical Effects:** (nausea (fume); upper respiratory tract irritation (fume))

**8.2 Exposure controls**

**Engineering Measures/Controls** • Ensure that dust handling systems (such as exhaust ducts, dust collectors, vessels and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is not leakage from the equipment).

**Personal Protective Equipment**

**Respiratory** • For limited exposure use an N95 dust mask. For prolonged exposure use an air-purifying respirator with high efficiency particulate air (HEPA) filters. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

**Eye/Face** • Wear safety goggles.

**Hands** • Wear appropriate gloves.

**Skin/Body** • Wear long sleeves and/or protective coveralls.

**General Industrial Hygiene Considerations** • Wash hands before eating. Ensure adequate ventilation during use.

**Environmental Exposure Controls** • Follow best practice for site management and disposal of waste.

**Key to abbreviations**

ACGIH = American Conference of Governmental Industrial Hygiene

MSHA = Mine Safety and Health Administration

NIOSH = National Institute of Occupational Safety and Health

OSHA = Occupational Safety and Health Administration

STEL = Short Term Exposure Limits are based on 15-minute exposures

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

LMPE = Maximum permissible exposure limit (Spanish)

**Section 9 - Physical and Chemical Properties**

**9.1 Information on Basic Physical and Chemical Properties**

<b>Material Description</b>			
Physical Form	Solid	Appearance/Description	Solid wood product.
Color	Data lacking	Odor	Typical wood odor.
Odor Threshold	Data lacking		
<b>General Properties</b>			
Boiling Point	Not Applicable	Melting Point/Freezing Point	Not Applicable
Decomposition Temperature	Not Applicable	pH	Not Applicable
Specific Gravity/Relative Density	Data lacking	Water Solubility	Not Applicable
Viscosity	Not Applicable	Explosive Properties	Data lacking
Oxidizing Properties:	Data lacking		
<b>Volatility</b>			
Vapor Pressure	Not Applicable	Vapor Density	Not Applicable
Evaporation Rate	Not Applicable		
<b>Flammability</b>			
Flash Point	Not Applicable	UEL	Not Applicable
LEL	Not Applicable	Autoignition	200 to 260 °C(392 to 500 °F)
Flammability (solid, gas)	Data lacking		

Environmental			
Octanol/Water Partition coefficient	Data lacking		

## 9.2 Other Information

- No additional physical and chemical parameters noted.

## Section 10: Stability and Reactivity

### 10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

- Stable under normal temperatures and pressures.

### 10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

### 10.4 Conditions to avoid

- Accumulation of dusts - mixtures of wood dust and air may be explosive when ignited. Ignition sources, heat.

### 10.5 Incompatible materials

- No data available

### 10.6 Hazardous decomposition products

- No data available

## Section 11 - Toxicological Information

### 11.1 Information on toxicological effects

- Other Material Information** • This product is not hazardous in the form in which it is shipped by the manufacturer but health and/or physical hazards may be created by downstream activities (e.g., cutting, sanding, milling) that reduce its particle size. Those hazards are described below.

GHS Properties	Classification
Acute toxicity	EU/CLP•Data lacking OSHA HCS 2012•Data lacking WHMIS 2015•Data lacking
Skin corrosion/Irritation	EU/CLP•Data lacking OSHA HCS 2012•Data lacking WHMIS 2015•Data lacking
Serious eye damage/Irritation	EU/CLP•Data lacking OSHA HCS 2012•Data lacking WHMIS 2015•Data lacking
Skin sensitization	EU/CLP•Skin Sensitizer 1 OSHA HCS 2012•Skin Sensitizer 1 WHMIS 2015•Data lacking
Respiratory sensitization	EU/CLP•Respiratory Sensitizer 1 OSHA HCS 2012•Respiratory Sensitizer 1 WHMIS 2015•Data lacking
Aspiration Hazard	EU/CLP•Data lacking OSHA HCS 2012•Data lacking WHMIS 2015•Data lacking

Carcinogenicity	EU/CLP•Carcinogenicity 1 OSHA HCS 2012•Carcinogenicity 1A WHMIS 2015•Data lacking
Germ Cell Mutagenicity	EU/CLP•Data lacking OSHA HCS 2012•Data lacking WHMIS 2015•Data lacking
Toxicity for Reproduction	EU/CLP•Data lacking OSHA HCS 2012•Data lacking WHMIS 2015•Data lacking
STOT-SE	EU/CLP•Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation OSHA HCS 2012•Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation WHMIS 2015•Data lacking
STOT-RE	EU/CLP•Data lacking OSHA HCS 2012•Data lacking WHMIS 2015•Data lacking

**Medical Conditions** • Disorders of the lungs.

**Aggravated by Exposure**

**Potential Health Effects**

**Inhalation**

- Acute (Immediate)** • Exposure to dust may cause irritation. Processes such as cutting, grinding, crushing, or impact may result in generation of excessive amounts of airborne dusts in the workplace. Nuisance dust may affect the lungs but reactions are typically reversible. Wood dust (generated from sawing, sanding or machining the product) may cause nasal dryness, irritation, coughing and sinusitis.
- Chronic (Delayed)** • Prolonged exposure to the dust may cause wheezing, chest tightness, productive cough, nasal irritation and symptoms of chronic respiratory disease. Wood dust, depending on the species, may cause respiratory sensitization with prolonged, repetitive contact or exposure to elevated dust levels.

**Skin**

- Acute (Immediate)** • Exposure to dust may cause mechanical irritation. May cause skin sensitization. Symptoms include redness and skin rash.
- Chronic (Delayed)** • No data available.

**Eye**

- Acute (Immediate)** • Exposure to dust may cause mechanical irritation. Excessive concentrations of nuisance dust in the workplace may reduce visibility and may cause unpleasant deposits in eyes.
- Chronic (Delayed)** • No data available.

**Ingestion**

- Acute (Immediate)** • Excessive concentrations of nuisance dust in the workplace may cause mechanical irritation to mucous membranes.
- Chronic (Delayed)** • No data available

**Carcinogenic Effects**

- According to its Twelfth Report on Carcinogens the National Toxicology Program states, "many case reports and epidemiological studies (including cohort studies and case-control studies that specifically addressed nasal cancer) have found a strong association between exposure to wood dust and cancer of the nasal cavity. Strong and consistent associations with cancer of the nasal cavity and paranasal sinuses were observed both in studies of people whose occupations were associated with wood-dust exposure and in studies that directly estimated wood dust exposure."

## Section 12 - Ecological Information

### 12.1 Toxicity

- Material data lacking.

### 12.2 Persistence and degradability

- Material data lacking.

### 12.3 Bioaccumulative potential

- Material data lacking.

### 12.4 Mobility in Soil

- Material data lacking.

### 12.5 Results of PBT and vPvB assessment

- PBT and vPvB assessment has not been carried out.

### 12.6 Other adverse effects

- Material data lacking.

## Section 13 - Disposal Considerations

### 13.1 Waste treatment methods

**Product waste** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Packaging waste** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	Not Applicable	Not Regulated	Not Applicable	Not Applicable	NDA
TDG	Not Applicable	Not Regulated	Not Applicable	Not Applicable	NDA
IMO/IMDG	Not Applicable	Not Regulated	Not Applicable	Not Applicable	NDA
IATA/ICAO	Not Applicable	Not Regulated	Not Applicable	Not Applicable	NDA

14.6 Special precautions for user

- None specified.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code • Not applicable.

## Section 15 - Regulatory Information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications

- Acute, Chronic

State Right To Know					
Component	CAS	MA	NJ	PA	
Aluminum sulfate (2:3)	10043-01-3	Yes	Yes	Yes	
Bifenthrin	82657-04-3	No	Yes	No	

Boric Acid, Zinc Salt	138265-88-0	No	No	No
Imidacloprid	138261-41-3	No	No	No
Melamine-Formaldehyde Resin Solids	25036-13-9	No	No	No
Wax (paraffin, slack, emulsion)	8002-74-2	Yes	Yes	Yes
Phenol-Formaldehyde Resin Solids	9003-35-4	No	No	No
Polymerized linseed oil	67746-08-1	No	No	No
Wood (may include fiber, strands, or veneer)	NDA	No	Yes	No

Inventory						
Component	CAS	Australia AICS	Canada DSL	Canada NDSL	China	EU EINECS
Aluminum sulfate (2:3)	10043-01-3	Yes	Yes	No	Yes	Yes
Bifenthrin	82657-04-3	No	No	No	Yes	No
Boric Acid, Zinc Salt	138265-88-0	No	No	No	Yes	No
Imidacloprid	138261-41-3	No	No	No	Yes	No
Melamine-Formaldehyde Resin Solids	25036-13-9	Yes	Yes	No	Yes	No
Wax (paraffin, slack, emulsion)	8002-74-2	Yes	Yes	No	Yes	Yes
Phenol-Formaldehyde Resin Solids	9003-35-4	Yes	Yes	No	Yes	No
Polymerized linseed oil	67746-08-1	Yes	Yes	No	Yes	No
Wood (may include fiber, strands, or veneer)	NDA	No	No	No	No	No

Inventory (Con't.)						
Component	CAS	EU ELNICS	Japan ENCS	Korea KECL	New Zealand	TSCA
Aluminum sulfate (2:3)	10043-01-3	No	Yes	Yes	Yes	Yes
Bifenthrin	82657-04-3	No	Yes	Yes	Yes	No
Boric Acid, Zinc Salt	138265-88-0	No	No	No	Yes	No
Imidacloprid	138261-41-3	Yes	No	No	Yes	No
Melamine-Formaldehyde Resin Solids	25036-13-9	No	Yes	Yes	Yes	Yes
Wax (paraffin, slack, emulsion)	8002-74-2	No	Yes	Yes	Yes	Yes
Phenol-Formaldehyde Resin Solids	9003-35-4	No	Yes	Yes	Yes	Yes

Polymerized linseed oil	67746-08-1	No	Yes	Yes	Yes	Yes
Wood (may include fiber, strands, or veneer)	NDA	No	No	No	No	No

## Australia

### Labor

#### Australia - Work Health and Safety Regulations - Hazardous Chemicals Requiring Health Monitoring

No ingredients subject to this requirement.

#### Australia - High Volume Industrial Chemicals List

No ingredients subject to this requirement.

#### Australia - List of Designated Hazardous Substances - Classification

• Bifenthrin	82657-04-3	T R25
• Boric Acid, Zinc Salt	138265-88-0	Repr.Cat.2 R60, R61
• Imidacloprid	138261-41-3	Xn, N R22, R50, R53
• Wax (paraffin, slack, emulsion)	8002-74-2	Self classification required (fume)

No other ingredients subject to this requirement.

#### Australia - Work Health and Safety Regulations - Threshold Quantity at Major Hazard Facilities (Table 15.1)

No ingredients subject to this requirement.

#### Australia - Work Health and Safety Regulations - Threshold Quantity at Major Hazard Facilities (Table 15.2)

No ingredients subject to this requirement.

#### Australia - Western Australia - Hazardous Substances Prohibited for Specified Uses

No ingredients subject to this requirement.

#### Australia - Western Australia - Hazardous Substances Requiring Health Surveillance

No ingredients subject to this requirement.

### Environment

#### Australia - National Pollutant Inventory (NPI) Substance List

No ingredients subject to this requirement.

#### Australia - Ozone Protection Act - Scheduled Substances

No ingredients subject to this requirement.

#### Australia - Priority Existing Chemical Program

No ingredients subject to this requirement.

### Other

#### The Australia Group - Export Control List - Chemical Weapons Precursors

No ingredients subject to this requirement.

## Canada

### Labor

#### Canada - WHMIS 1988 - Classifications of Substances

• Aluminum sulfate (2:3)	10043-01-3	D2B
• Wax (paraffin, slack, emulsion)	8002-74-2	Uncontrolled product according to WHMIS classification criteria

No other ingredients subject to this requirement.

#### Canada - WHMIS 1988 - Ingredient Disclosure List

No ingredients subject to this requirement.

### Environment

#### Canada - CEPA - Priority Substances List

• Aluminum sulfate (2:3)	10043-01-3	Priority Substance List 2 (substance not considered toxic)
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No other ingredients subject to this requirement.

#### Canada - CEPA - Schedule I - List of Toxic Substances

No ingredients subject to this requirement.

#### Canada - CEPA - Schedule III Part 1 - Export Control List - Prohibited Substances

No ingredients subject to this requirement.

**Canada - CEPA - Schedule III Part 2 - Export Control List - Substances Subject to Notification or Consent**

No ingredients subject to this requirement.

**Canada - CEPA - Schedule III Part 3 - Export Control List - Restricted Substances**

No ingredients subject to this requirement.

**Canada Alberta**

**Environment**

**Canada - Alberta - Ambient Air Quality Objectives**

No ingredients subject to this requirement.

**Canada - Alberta - Ambient Air Quality Guidelines**

No ingredients subject to this requirement.

**Canada - Alberta - Water Quality Guidelines for Freshwater Aquatic Life - Acute**

No ingredients subject to this requirement.

**Canada - Alberta - Water Quality Guidelines for Freshwater Aquatic Life - Chronic**

•Imidacloprid

138261-41-3 0.23 µg/L (interim)

No other ingredients subject to this requirement.

**Canada British Columbia**

**Environment**

**Canada - British Columbia - Ozone Depleting Substances**

No ingredients subject to this requirement.

**Canada Manitoba**

**Environment**

**Canada - Manitoba - Ozone Depleting Substances and Other Halocarbons - Class 1**

No ingredients subject to this requirement.

**Canada - Manitoba - Ozone Depleting Substances and Other Halocarbons - Class 2**

No ingredients subject to this requirement.

**Canada New Foundland**

**Environment**

**Canada - Newfoundland & Labrador - Halocarbon Regulations - Schedule A**

No ingredients subject to this requirement.

**Canada - Newfoundland & Labrador - Halocarbon Regulations - Schedule B**

No ingredients subject to this requirement.

**Canada - Newfoundland & Labrador - Halocarbon Regulations - Schedule C**

No ingredients subject to this requirement.

**Canada - Newfoundland & Labrador - Halocarbon Regulations - Schedule D**

No ingredients subject to this requirement.

**Canada - Newfoundland & Labrador - Halocarbon Regulations - Schedule E**

No ingredients subject to this requirement.

**Canada Northwest Territories**

**Other**

**Canada - Northwest Territories - Ozone Depleting Substances and Halocarbon Alternatives**

No ingredients subject to this requirement.

**Canada Nova Scotia**

**Environment**

**Canada - Nova Scotia - Ozone Layer Protection Regulations**

No ingredients subject to this requirement.

**Canada Ontario**

**Environment**

**Canada - Ontario - Airborne Contaminant Reporting - Table 2B**

No ingredients subject to this requirement.

**Canada - Ontario - Drinking Water Standards - Aesthetic Objectives (AO)**

No ingredients subject to this requirement.

**Canada - Ontario - Drinking Water Standards - Operational Guidelines (OG)**

No ingredients subject to this requirement.

**Canada - Ontario - Ozone Depleting Substances and Other Halocarbons - Class 1 Substances**

No ingredients subject to this requirement.

**Canada - Ontario - Ozone Depleting Substances and Other Halocarbons - Class 2 Substances**

No ingredients subject to this requirement.

**Canada - Ontario - Ozone Depleting Substances and Other Halocarbons - Halocarbons**

No ingredients subject to this requirement.

**Canada Saskatchewan**

## Environment

### Canada - Saskatchewan - Dangerous Goods - Acute Hazardous Substances

No ingredients subject to this requirement.

### Canada - Saskatchewan - Dangerous Goods - Environmental Persistent or Chronic Hazardous Substances

No ingredients subject to this requirement.

### Canada - Saskatchewan - Dangerous Goods - Industrial Hazardous Substances

No ingredients subject to this requirement.

## Other

### Canada - Substances Regulated Under F&DA That Were In Commerce Between 1/1/84 and 12/31/86

No ingredients subject to this requirement.

## Canada Yukon

## Environment

### Canada - Yukon - Ozone Depleting Substances and Other Halocarbons

No ingredients subject to this requirement.

## China

## Other

### China - Annex I & II - Controlled Chemicals Lists

No ingredients subject to this requirement.

## Europe

## Other

### EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification

• Bifenthrin

82657-04-3 Carc.Cat.3; R40 T; R23/25  
Xn; R48/22 R43 N; R50-53

• Imidacloprid

138261-41-3 Xn; R22 N; R50-53

No other ingredients subject to this requirement.

### EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits

• Bifenthrin

82657-04-3 0.0025% ≤ C: N; R:50-53  
0.00025% ≤ C < 0.0025%: N;  
R:51-53  
0.000025% ≤ C < 0.00025%:  
R:52-53

No other ingredients subject to this requirement.

### EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling

• Bifenthrin

82657-04-3 T N R:23/25-40-43-48/22-  
50/53 S:(1/2)-23-24-36/37-  
38-45-60-61

• Imidacloprid

138261-41-3 Xn N R:22-50/53 S:(2)-22-  
57-60-61

No other ingredients subject to this requirement.

### EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations

No ingredients subject to this requirement.

### EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases

• Bifenthrin

82657-04-3 S:(1/2)-23-24-36/37-38-45-  
60-61

• Imidacloprid

138261-41-3 S:(2)-22-57-60-61

No other ingredients subject to this requirement.

## International

## Environment

### IPCS (International Programme on Chemical Safety) - List of Pesticide Data Sheets

No ingredients subject to this requirement.

## Japan

## Labor

### Japan - ISHL Dangerous Substances

No ingredients subject to this requirement.

### Japan - ISHL Designated Carcinogens

No ingredients subject to this requirement.

### Japan - ISHL Prevention of Lead Poisoning

No ingredients subject to this requirement.

### Japan - ISHL Mutagens - Existing Chemicals

No ingredients subject to this requirement.

## Environment

**Japan - Air Pollution Control Law - Emission Standards for Air Pollutants**

No ingredients subject to this requirement.

**Japan - Environmental Quality Standards - Annual Air Quality**

No ingredients subject to this requirement.

**Japan - Environmental Quality Standards - Daily Air Quality**

No ingredients subject to this requirement.

**Japan - Environmental Quality Standards - Soil Pollution**

No ingredients subject to this requirement.

**Japan - Environmental Quality Standards - Public Water/Groundwater - Monitored Substances and Guideline Values**

No ingredients subject to this requirement.

**Japan - Environmental Quality Standards - Public Water - Protection of Human Health**

No ingredients subject to this requirement.

**Inventory - Japan - Industrial Safety and Health Law Substances (ISHL)**

• Bifenthrin

82657-04-3 7-(3)-277

No other ingredients subject to this requirement.

**Other**

**Japan - Drinking Water Quality Standards - Supplied Water Quality Standard Values**

• Aluminum sulfate (2:3)

10043-01-3

0.2 mg/L (as Al, listed under Aluminum and its compounds)

No other ingredients subject to this requirement.

**Japan - Chemical Substance Control Law (CSCL) - Examined Existing Chemical Substances**

No ingredients subject to this requirement.

**Japan - Fire Service Law - Hazardous Materials**

No ingredients subject to this requirement.

**Japan - Harmful Substances in Household Products**

No ingredients subject to this requirement.

**Japan - Chemical Substance Control Law (CSCL) - Specified Chemical Substances**

No ingredients subject to this requirement.

**Korea**

**Labor**

**Korea - ISHA - Harmful Substances Prohibited for Manufacturing, Importing, Transferring, or Supplying**

No ingredients subject to this requirement.

**Korea - ISHA - Harmful Substances Requiring Permission**

No ingredients subject to this requirement.

**Environment**

**Korea - MOE - Toxic Chemicals Control Act (TCCA) - Observational Chemicals**

No ingredients subject to this requirement.

**Other**

**Korea - MOE - K-REACH/CCA - Prohibited Substances**

No ingredients subject to this requirement.

**Korea - MOE - K-REACH/CCA - Restricted Substances**

No ingredients subject to this requirement.

**Korea - MOE - K-REACH/CCA - Toxic Substances**

No ingredients subject to this requirement.

**Netherlands**

**Other**

**Netherlands - List of Carcinogens**

No ingredients subject to this requirement.

**Netherlands - Major Accidents - Qualifying Quantities for Accident Prevention**

No ingredients subject to this requirement.

**Netherlands - Major Accidents - Qualifying Quantities for Safety Reporting**

No ingredients subject to this requirement.

**New Zealand**

**Other**

**New Zealand - Ozone Depleting Substances**

No ingredients subject to this requirement.

**Russia**

**Labor**

**Russia - Limiting Quantities of Hazardous Substances - Hazard Class I**

No ingredients subject to this requirement.

## United Kingdom

### Other

**United Kingdom - Workplace Exposure Limits (WELs) - Substances in Review**  
No ingredients subject to this requirement.

## United States

### Labor

**U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals**  
No ingredients subject to this requirement.

**U.S. - OSHA - Specifically Regulated Chemicals**  
No ingredients subject to this requirement.

### Environment

**U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**  
No ingredients subject to this requirement.

**U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities**

• Aluminum sulfate (2:3)

10043-01-3 5000 lb final RQ; 2270 kg final RQ

No other ingredients subject to this requirement.

**U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities**  
No ingredients subject to this requirement.

**U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs**  
No ingredients subject to this requirement.

**U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs**  
No ingredients subject to this requirement.

**U.S. - CERCLA/SARA - Section 313 - Emission Reporting**

• Bifenthrin

82657-04-3 1.0 % de minimis concentration

No other ingredients subject to this requirement.

**U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing**  
No ingredients subject to this requirement.

## United States - California

### Environment

**U.S. - California - Proposition 65 - Carcinogens List**

• Wood (may include fiber, strands, or veneer) as Wood dust, all soft and hard woods  
No other ingredients subject to this requirement.

carcinogen, 12/18/2009

**U.S. - California - Proposition 65 - Developmental Toxicity**  
No ingredients subject to this requirement.

**U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)**  
No ingredients subject to this requirement.

**U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)**  
No ingredients subject to this requirement.

**U.S. - California - Proposition 65 - Reproductive Toxicity - Female**  
No ingredients subject to this requirement.

**U.S. - California - Proposition 65 - Reproductive Toxicity - Male**  
No ingredients subject to this requirement.

## United States - Pennsylvania

### Labor

**U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List**  
No ingredients subject to this requirement.

**U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances**  
No ingredients subject to this requirement.

## 15.2 Chemical Safety Assessment

• No Chemical Safety Assessment has been carried out.

## Section 16 - Other Information

**Revision Date** • 30/November/2017

**Preparation Date** • 24/July/2017

**Disclaimer/Statement  
of Liability**

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**Key to abbreviations**

NDA = No Data Available