Version Number 1.0 Revision Date 08/28/2020



Page 1 of 17 Print Date 09/01/2020

# SAFETY DATA SHEET

### GEON WJCK550U NATURAL 0000

Section 1. Identification	on			
GHS product identifier	:	GEON WJCK550U NATURAL 0000		
Chemical name	:	Mixture		
CAS number	:	Mixture		
Other means of identification	:	VC10013287		
Product type	:	solid		
~ ~				
Relevant identified uses of the subs	Relevant identified uses of the substance or mixture and uses advised against			
Product use	:	Industrial applications. Plastics.		
Supplier's details	:	GEON Performance Solutions LLC		
		25777 Detroit Road Suite 202, Westlake, Ohio 44145		
		1-800-GET-GEON or 1-800-438-4366		
		1-000-0E1-0E010011-000-+50-+500		
Emanganay talanhana numbar		CHEMTREC 1 800 424 0200 (24brs for spill look fire exposure or		
Emergency telephone number	:	CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or		
(with hours of operation)		accident).		

### Section 2. Hazards identification

This mixture has not been evaluated as a whole for health effects. All ingredients are bound in a PVC polymer matrix and potential for hazardous exposure as shipped is minimal. PVC resin is manufactured from Vinyl Chloride Monomer (VCM). PVC resin manufacturers take special efforts to strip residual VCM from their resins. Residual VCM in the resin is typically below 8.5 ppm. However, VCM is a known carcinogen. The end-user (fabricator) should take necessary precautions (mechanical ventilation, local exhaust, respiratory protection, etc.) to protect employees from exposure to any vapors or dusts that may be released during heating or fabrication. See Sections 8 and 11 for special precautions.After handling, always wash hands thoroughly with soap and water.

OSHA/HCS status	:	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
Classification of the substance or mixture	:	Not classified.

#### GHS label elements

Version Number 1.0 Revision Date 08/28/2020



GEO

Print Date 09/01/2020

Signal word Hazard statements	:	No signal word. No known significant effects or critical hazards.
		C
Precautionary statements		
General	:	Not applicable.
Prevention	:	Not applicable.
Response	:	Not applicable.
Storage	:	Not applicable.
Disposal	:	Not applicable.
Supplemental label elements	:	None known.
Hazards not otherwise classified	:	None known.
		Not available.

# Section 3. Composition/information on ingredients

Substance/mixture	:	Mixture
Chemical name	:	Mixture
Other means of identification	:	VC10013287

**CAS number/other identifiers** 

Ingredient name	%	CAS number
Antimony trioxide	5 - 10	1309-64-4
Bis(2-ethylhexyl) tetrabromophthalate	5 - 10	26040-51-7
2-Hydroxy-4-n-octoxybenzophenone	0 - 0.3	1843-05-6

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First aid measures

Version Number 1.0 Revision Date 08/28/2020

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Page 3 of 17 Print Date 09/01/2020

#### **Description of necessary first aid measures**

Eye contact	Immediately flush eyes with plenty of water, occasionally lifti upper and lower eyelids. Check for and remove any contact le Get medical attention if irritation occurs.	0
Inhalation	Remove victim to fresh air and keep at rest in a position comfore for breathing. Get medical attention if symptoms occur.	ortable
Skin contact	Flush contaminated skin with plenty of water. Remove contan clothing and shoes. Get medical attention if symptoms occur.	ninated
Ingestion	Wash out mouth with water. Remove victim to fresh air and ke rest in a position comfortable for breathing. If material has be swallowed and the exposed person is conscious, give small qu of water to drink. Do not induce vomiting unless directed to do medical personnel. Get medical attention if symptoms occur.	en antities

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

Potential acute health effects		
Eye contact	:	No known significant effects or critical hazards.
Inhalation	:	No known significant effects or critical hazards.
Skin contact	:	No known significant effects or critical hazards.
Ingestion	:	No known significant effects or critical hazards.
Over-exposure signs/symptoms		
Eye contact	:	No specific data.
Inhalation	:	No specific data.
Skin contact	:	No specific data.
Ingestion	:	No specific data.
Indication of immediate medical att	entic	on and special treatment needed, if necessary
Notes to physician	:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	:	No specific treatment.
Protection of first-aiders	:	No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

### **Section 5. Firefighting measures**

Version Number 1.0 Revision Date 08/28/2020



Page 4 of 17 Print Date 09/01/2020

### Extinguishing media

Suitable extinguishing media Unsuitable extinguishing media	:	In case of fire, use water spray (fog), foam, dry chemical or $CO_2$ . None known.
Specific hazards arising from the chemical	:	No specific fire or explosion hazard.
Hazardous thermal	:	May emit Hydrogen Chloride (HCl).
decomposition products		Decomposition products may include the following materials: carbon dioxide carbon monoxide halogenated compounds metal oxide/oxides
Special protective actions for fire- fighters	:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	:	Fire-fighters should wear appropriate protective equipment and self- contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

For non-emergency personnel For emergency responders	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and materials for containme	ent a	nd cleaning up
Small spill	:	Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
Large spill	:	Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material

Version Number 1.0 Revision Date 08/28/2020



GEON

Print Date 09/01/2020

and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

### Section 7. Handling and storage

#### Precautions for safe handling

Protective measures Advice on general occupational hygiene	:	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	:	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

### Section 8. Exposure controls/personal protection

:

#### **Control parameters**

#### **Occupational exposure limits**

Ingredient name	Exposure limits
Bis(2-ethylhexyl) tetrabromophthalate	None.
Antimony trioxide	NIOSH REL (1994-06-01) TWA 0.5 mg/m3 OSHA PEL 1989 (1989-03-01) TWA 0.5 mg/m3 (as antimony) OSHA PEL (1993-06-30) TWA 0.5 mg/m3 (as antimony)
2-Hydroxy-4-n-octoxybenzophenone	None.

Appropriate engineering controls

Good general ventilation should be sufficient to control worker



Version Number 1.0			
Revision Date 08/28/2020			

### Page 6 of 17 Print Date 09/01/2020

Environmental exposure controls	:	exposure to airborne contaminants. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
Individual protection measures		
Hygiene measures	:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	:	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
Skin protection		
Hand protection	:	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Body protection	:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	:	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

# Section 9. Physical and chemical properties

#### Appearance

Physical state	:	solid [Pellets.]
Color	:	NO PIGMENT
Odor	:	Not available.

Version Number 1.0 Revision Date 08/28/2020



Page 7 of 17 Print Date 09/01/2020

Odor threshold	:	Not available.
рН	:	Not available.
Melting point	:	Not available.
Boiling point	:	Not available.
Flash point	:	Not available.
Burning time	:	Not available.
Burning rate	:	Not available.
Evaporation rate	:	Not available.
Flammability (solid, gas)	:	Not available.
Lower and upper explosive	:	Lower: Not available.
(flammable) limits		Upper: Not available.
Vapor pressure	:	Not available.
Vapor density	:	Not available.
Relative density	:	Not available.
Solubility	:	Not available.
Solubility in water	:	Not available.
Partition coefficient: n-	:	Not available.
octanol/water		
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
SADT	:	Not available.
Viscosity	:	Dynamic: Not available.
-		Kinematic: Not available.
Aerosol product		
Heat of combustion	:	Not available.
Ignition distance	:	Not available.
Enclosed space ignition - Time	:	Not available.
equivalent		
Enclosed space ignition -	:	Not available.
Deflagration density		
Flame height	:	Not available.
Flame duration	:	Not available.

# Section 10. Stability and reactivity

Reactivity	:	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	:	Stable under recommended storage and handling conditions (see Section 7).
Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	:	Keep away from extreme heat and oxidizing agents.

Version Number 1.0 Revision Date 08/28/2020



Page 8 of 17 Print Date 09/01/2020

Incompatible materials	:	Avoid contact with acetal homopolymers and acetyl homopolymers during processing.
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

# Section 11. Toxicological information

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

#### **Information on toxicological effects**

#### Acute toxicity

Product/ingredient name	Result Species		Dose	Exposure
2-Hydroxy-4-n-octoxybenzoph	nenone			
	LD50 Oral	Rat	10,000 mg/kg	-
<b>Remarks - Inhalation:</b>	No applicable tox	cicity data		
	LD50 Dermal	Rabbit	10,000 mg/kg	-
Antimony trioxide				
	LD50 Oral	Rat	34,000 mg/kg	-
<b>Remarks - Inhalation:</b>	No applicable toxicity data			
<b>Remarks - Dermal:</b>	No applicable toxicity data			
Bis(2-ethylhexyl) tetrabromop	hthalate			
	LD50 Oral	Rat	5,000 mg/kg	-
<b>Remarks - Inhalation:</b>	No applicable toxicity data			
<b>Remarks - Dermal:</b>	No applicable toxicity data			
Conclusion/Summary	• Mixi	ture Not fully test	h	

Conclusion/Summary

Mixture.Not fully tested.

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Antimony trioxide	Eyes - Mild irritant	Rabbit			-
Bis(2-ethylhexyl) tetrabromophthalate	Eyes - Mild irritant	Rabbit			-
-	Skin - Mild irritant	Rabbit			-
Conclusion/Summary Skin Eyes	: N	lixture.Not fu lixture.Not fu	lly tested.		
Respiratory Sensitization	: N	lixture.Not fu	lly tested.		

Version Number 1.0 Revision Date 08/28/2020 **GEON**<sup>®</sup> Performance Solutions

> Page 9 of 17 Print Date 09/01/2020

Conclusion/Summary Skin Respiratory	:	Mixture.Not fully tested. Mixture.Not fully tested.
<b>Mutagenicity</b>		
Conclusion/Summary	:	Mixture.Not fully tested.
<b>Carcinogenicity</b>		
Conclusion/Summary	:	Mixture.Not fully tested.

#### **Classification**

Product/ingredient name	OSHA	IARC	NTP
Antimony trioxide	-	2B	-

#### **Reproductive toxicity**

Conclusion/Summary	:	Mixture.Not fully tested.
<u>Teratogenicity</u>		
Conclusion/Summary	:	Mixture.Not fully tested.
Specific target organ toxicity (single Not available.	e exp	<u>osure)</u>
Specific target organ toxicity (repeation Not available.	nted o	exposure)
Aspiration hazard Not available.		
Information on likely routes of exposure	:	Not available.
Potential acute health effects		
Eye contact Inhalation Skin contact Ingestion	:::::::::::::::::::::::::::::::::::::::	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.

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

Version Number 1.0 Revision Date 08/28/2020 Page 10 of 17 Print Date 09/01/2020

Eye contact	:	No specific data.
Inhalation	:	No specific data.
Skin contact	:	No specific data.
Ingestion	:	No specific data.

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

Short term exposure		
Potential immediate effects Potential delayed effects	:	Not available. Not available.
Long term exposure		
Potential immediate effects	:	Not available.
Potential delayed effects	:	Not available.
Potential chronic health effects		
Conclusion/Summary	:	Mixture.Not fully tested.
General	:	No known significant effects or critical hazards.
Carcinogenicity	:	No known significant effects or critical hazards.
Mutagenicity	:	No known significant effects or critical hazards.
Teratogenicity	:	No known significant effects or critical hazards.
Developmental effects	:	No known significant effects or critical hazards.
Fertility effects	:	No known significant effects or critical hazards.

Numerical measures of toxicity

### Acute toxicity estimates

Not available.

### Section 12. Ecological information

### **Toxicity**

Product/ingredient name	Result	Species	Exposure	
2-Hydroxy-4-n-octoxybenzoph	nenone			
Remarks - Acute - Fish:	No applicable toxicity data			
10/17				



Version Number 1.0 Revision Date 08/28/2020 Page 11 of 17 Print Date 09/01/2020

Remarks - Acute - Aquatic	No applicable toxicity data			
invertebrates.:				
Remarks - Acute - Aquatic plants:	No applicable toxicity data			
Remarks - Chronic - Fish:	No applicable toxicity data			
Remarks - Chronic -	No applicable toxicity data			
Aquatic invertebrates.:				
Antimony trioxide				
	Acute LC50 > 530 Mg/l Fresh	Fish - Fish	96 h	
	water			
Remarks - Acute - Fish:	Acute			
	Acute EC50 560 Mg/l Fresh water	Aquatic invertebrates. Crustaceans	48 h	
Remarks - Acute - Aquatic	Acute			
invertebrates.:			1	
	Acute EC50 423.45 Mg/l Fresh	Aquatic invertebrates.	48 h	
	water	Daphnia		
Remarks - Acute - Aquatic	Acute			
invertebrates.:				
	Acute EC50 0.73 Mg/l Fresh water	Aquatic plants - Algae	72 h	
<b>Remarks - Acute - Aquatic</b>	Acute			
plants:				
	Acute EC50 0.74 Mg/l Fresh water	Aquatic plants - Algae	96 h	
Remarks - Acute - Aquatic	Acute			
plants:	Acute NOEC 0.2 Mg/l Fresh water	Aquatic plants - Algae	96 h	
Remarks - Acute - Aquatic	Chronic	1		
plants:				
Remarks - Chronic - Fish:	No applicable toxicity data			
Remarks - Chronic -	No applicable toxicity data			
Aquatic invertebrates.:				
Bis(2-ethylhexyl) tetrabromop	hthalate			
Remarks - Acute - Fish:	No applicable toxicity data			
	Acute LC50 0.91 Mg/l Fresh water Aquatic invertebrates. 48 h			
	_	Daphnia		
Remarks - Acute - Aquatic	Acute			
invertebrates.:				
Remarks - Acute - Aquatic	No applicable toxicity data			
plants:				
Remarks - Chronic - Fish:	No applicable toxicity data			
<b>Remarks - Chronic -</b>	No applicable toxicity data			
Aquatic invertebrates.:				
GEON WJCK550U NATURA				
<b>Remarks - Acute - Aquatic</b>	Chemicals are not readily available as they are bound within the polymer matrix.			



Version Number 1.0 Revision Date 08/28/2020

### Page 12 of 17 Print Date 09/01/2020

invertebrates.:		
Conclusion/Summary	:	Chemicals are not readily available as they are bound within the polymer matrix.
Persistence and degradability		
Conclusion/Summary	:	Chemicals are not readily available as they are bound within the polymer matrix.

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
2-Hydroxy-4-n-octoxybenzophenone	6	99.00	low

#### **Mobility in soil**

Soil/water partition coefficient	:	Not available.
(KOC)		
Other adverse effects	:	No known significant effects or critical hazards.

# Section 13. Disposal considerations

Disposal methods	:	The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some
		product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

#### United States - RCRA Acute hazardous waste "P" List: Not listed

United States - RCRA Toxic hazardous waste "U" List: Not listed

### Section 14. Transport information



Version Number 1.0 Revision Date 08/28/2020



Page 13 of 17 Print Date 09/01/2020

U.S.DOT 49CFR Ground/Air/Water	:	Not regulated for transportation.
International Air ICAO/IATA	:	Consult mode specific transport rules
International Water IMO/IMDG	:	Consult mode specific transport rules

### Section 15. Regulatory information

U.S. Federal regulations	:	<ul> <li>United States - TSCA 12(b) - Chemical export notification: None of the components are listed.</li> <li>United States - TSCA 4(a) - Final Test Rules: Not listed</li> <li>United States - TSCA 4(a) - ITC Priority list: Not listed</li> <li>United States - TSCA 4(a) - Proposed test rules: Not listed</li> <li>United States - TSCA 4(f) - Priority risk review: Not listed</li> <li>United States - TSCA 5(a)2 - Final significant new use rules: Not listed</li> <li>United States - TSCA 5(a)2 - Proposed significant new use rules: Not listed</li> <li>United States - TSCA 5(a)2 - Proposed significant new use rules: Not listed</li> <li>United States - TSCA 5(e) - Substances consent order: Not listed</li> <li>United States - TSCA 6 - Final risk management: Not listed</li> <li>United States - TSCA 6 - Proposed risk management: Listed</li> <li>Lead</li> <li>United States - TSCA 8(a) - Chemical risk rules: Not listed</li> <li>United States - TSCA 8(a) - Dioxin/Furane precusor: Not listed</li> <li>United States - TSCA 8(a) - Chemical Data Reporting (CDR): Not determined</li> <li>United States - TSCA 8(a) - Preliminary assessment report (PAIR): Not listed</li> <li>United States - TSCA 8(d) - Health and safety studies: Not listed</li> <li>United States - TSCA 8(d) - Health and safety studies: Not listed</li> <li>United States - EPA Clean water act (CWA) section 307 - Priority pollutants: Listed Antimony trioxide</li> <li>Zinc borate</li> <li>Molybdenum zinc oxide (Mo2Zn3O9)</li> <li>Arsenic</li> </ul>

Version Number 1.0 Revision Date 08/28/2020



Page 14 of 17 Print Date 09/01/2020

Vinyl chloride monomer

United States - EPA Clean water act (CWA) section 311 -Hazardous substances: Listed United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Flammable substances: Not listed United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Toxic substances: Not listed United States - Department of commerce - Precursor chemical: Not listed

Clean Air Act Section 112(b)	:	Listed
Hazardous Air Pollutants (HAPs) Clean Air Act Section 602 Class I	:	Not listed
Substances Clean Air Act Section 602 Class II	:	Not listed
Substances DEA List I Chemicals (Precursor	:	Not listed
Chemicals) DEA List II Chemicals (Essential	:	Not listed
Chemicals)		

#### US. EPA CERCLA Hazardous Substances (40 CFR 302)

Chemical Name	CAS-No.	RQ for component
Antimony trioxide	1309-64-4	1,000 lb(s)
		454 kg
Arsenic	7440-38-2	1 lb(s)
		0.454 kg

#### SARA 311/312

Classification

Not applicable.

:

#### **Composition/information on ingredients**

No products were found.

Name	%	Classification	
Bis(2-ethylhexyl)	>= 5 - <= 10	EYE IRRITATION - Category 2B	
tetrabromophthalate			
Antimony trioxide	>= 5 - <= 10	EYE IRRITATION - Category 2B	
		CARCINOGENICITY - Category 2	
	·		

Version Number 1.0 Revision Date 08/28/2020

### Page 15 of 17 Print Date 09/01/2020

2-Hydroxy-4-n-	> 0 - <= 0.3	SKIN SENSITIZATION - Category 1
octoxybenzophenone		

### <u>SARA 313</u>

#### Form R - Reporting requirements

Product name	CAS number	%
Lead	7439-92-1	> 0 - <= 0.1
Zinc borate	1332-07-6	>= 1 - <= 3
Antimony trioxide	1309-64-4	>= 5 - <= 10

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

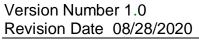
<u>State regulations</u> Massachusetts New York	:	None of the components are listed. The following components are listed: Zinc borate
New Jersey	:	Antimony trioxide The following components are listed: Ethene, chloro-, homopolymer Antimony trioxide Zinc borate
Pennsylvania	:	The following components are listed: Aluminate (Al(OH)63-), (OC-6-11)-, magnesium carbonate hydroxide (2:6:1:4) Zinc borate
		Antimony trioxide Aluminum hydroxide

#### California Prop. 65

**WARNING:** This product can expose you to Antimony trioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Ingredient name	No significant risk level	Maximum acceptable dosage level







Page 16 of 17

Print Date 09/01/2020

United States inventory (TSCA 8b) : All components are active or exempted. At least one component is not listed in DSL but all such components : are listed in NDSL.

**International regulations** 

**Canada** inventory

Antimony trioxide

**Inventory list** 

Australia Canada	<ul><li>Not determined.</li><li>At least one component is not listed in DSL but all such components are listed in NDSL.</li></ul>
China	: All components are listed or exempted.
Europe inventory	: All components are listed or exempted.
Japan	: Not determined.
New Zealand	: Not determined.
Philippines	: Not determined.
Republic of Korea	: Not determined.
Taiwan	: Not determined.
Turkey	: Not determined.
United States	: All components are active or exempted.

### Section 16. Other information

Hazardous Material Information System (U.S.A.)

Health	/	0
Flammability		0
Physical hazards		0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual. History

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Date of issue/Date of revision	:	08/28/2020

Version Number 1.0 Revision Date 08/28/2020



Page 17 of 17 Print Date 09/01/2020

Date of previous issue Version	:	00/00/0000 1.0
Key to abbreviations	:	ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = International Air Transport Association IBC = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations
References	:	Not available.

#### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Particularly this information may not be valid for such material used in conjunction with any other materials or in any process, unless specified in the text.