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SAFETY DATA SHEET

14790-01 EXPA9FB2 NAT 0000

Section 1. Identification			
GHS product identifier Chemical name CAS number Other means of identification	:	14790-01 EXPA9FB2 NAT 0000 Mixture Mixture VC10006180	
Product type	:	solid	
Relevant identified uses of the substance or mixture and uses advised against			
Product use	:	Industrial applications. Plastics.	
Supplier's details	:	GEON Performance Solutions LLC 33587 Walker Road, Avon Lake, OH 44012	
Emergency telephone number (with hours of operation)	:	1 (440) 930-1000 or 1 (866) POLYONE CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or 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		

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Signal word	:	No signal word.
Hazard statements	:	No known significant effects or critical hazards.
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	:	VC10006180

CAS number/other identifiers

Ingredient name	%	CAS number
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters,	10 - 25	68515-48-0
C9-rich		
Antimony trioxide	5 - 10	1309-64-4
2-Hydroxy-4-n-octoxybenzophenone	0.3 - 1	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

Description of necessary first aid measures

Eye contact

: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.





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Inhalation	:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	:	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Ingestion	:	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been
		swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Potential acute health effects		
Eye contact Inhalation Skin contact Ingestion <u>Over-exposure signs/symptoms</u>	::	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.
Eye contact Inhalation Skin contact Ingestion	::	No specific data. No specific data. No specific data. No specific data.
Indication of immediate medical atter	ntio	n and special treatment needed, if necessary
Notes to physician Specific treatments	:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. No specific treatment.

:

See toxicological information (Section 11)

Section 5. Firefighting measures

Extinguishing media

Protection of first-aiders

Suitable extinguishing media Unsuitable extinguishing media	:	In case of fire, use water spray (fog), foam, dry chemical or $\rm CO_2$. None known.
Specific hazards arising from the	:	No specific fire or explosion hazard.
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suitable training.

No action shall be taken involving any personal risk or without



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chemical Hazardous thermal decomposition products	:	May emit Hydrogen Chloride (HCl). 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 containment	nt ai	nd cleaning up
Small spill Large 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. Move containers from spill area. Prevent entry into sewers, water
	·	courses, basements or confined areas. Vacuum or sweep up material 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

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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.

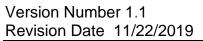
Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
1,2-Benzenedicarboxylic acid, di-C8-10- branched alkyl esters, C9-rich	None.
Antimony trioxide	NIOSH REL (1994-06-01) TWA 0.5 mg/m3 (as antimony) 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 exposure to airborne contaminants.
Environmental exposure controls	:	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
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		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 Color	:	solid [Pellets.] NO PIGMENT
Odor	:	Not available.
Odor threshold	:	Not available.
рН	:	Not available.
Melting point	:	Not available.
Boiling point	:	Not available.
Flash point	:	Not available.

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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.
<u>Aerosol product</u>		
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.

Section 10. Stability and reactivity

Flame duration

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.
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.

Not available.

:



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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	-	
Remarks - Inhalation:	No applicable tox	icity data			
	LD50 Dermal	Rabbit	10,000 mg/kg	-	
Antimony trioxide					
	LD50 Oral	Rat	34,000 mg/kg	-	
Remarks - Inhalation:	No applicable toxicity data				
Remarks - Dermal:	No applicable toxicity data				
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich					
	LD50 Oral Rat 10,000 mg/kg -				
Remarks - Inhalation:	No applicable toxicity data				
Remarks - Dermal:	No applicable toxicity data				
Conclusion/Summary	• Mixt	ure Not fully test	ed		

Conclusion/Summary : Mixture.Not fully tested.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Antimony trioxide	Eyes - Mild	Rabbit			-
	irritant				
1,2-Benzenedicarboxylic	Eyes - Mild	Rabbit			-
acid, di-C8-10-branched	irritant				
alkyl esters, C9-rich					
Conclusion/Summary					
Skin	: M	lixture.Not ful	ly tested.		
Eyes	: M	lixture.Not ful	ly tested.		
Respiratory	: M	lixture.Not ful	ly tested.		
Sensitization					
Conclusion/Summary					
Skin	: N	lixture.Not ful	ly tested.		
Respiratory	: N	lixture.Not ful	ly tested.		
<u>Mutagenicity</u>					





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Conclusion/Summary	: Mixture.Not fully tested.					
Carcinogenicity						
Conclusion/Summary	: Mixture.Not fully tested.					
Classification						
Product/ingredient name	OSHA	IARC	NTP			
Antimony trioxide	-	2B	-			
<u>Reproductive toxicity</u>						
Conclusion/Summary	:	Mixture.Not ful	lly tested.			
<u>Teratogenicity</u>						
Conclusion/Summary	:	Mixture.Not ful	lly tested.			
Specific target organ toxicity (Not available.	<u>single expos</u>	ure)				
Specific target organ toxicity (Not available.	repeated ex	posure)				
Aspiration hazard Not available.						
Information on likely routes o exposure	f :	Not available.				
Potential acute health effects						
Eye contact	:	No known signi	ificant effects or critical hazards	5.		
Inhalation			ificant effects or critical hazards			
Skin contact			ificant effects or critical hazards			
Ingestion	:	No known signi	ificant effects or critical hazards	s.		
Symptoms related to the phys	ical, chemica	and toxicolog	gical characteristics			
Eye contact	:]	No specific data	a.			
Inhalation	:]	No specific data	a.			
Skin contact	: 1	No specific data	a.			
Ingestion		No specific data				

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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 Potential delayed effects	:	Not available. 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		
Remarks - Acute - Aquatic	No applicable toxicity data		
invertebrates.:			
Remarks - Acute - Aquatic	No applicable toxicity data		
plants:			
Remarks - Chronic - Fish:	No applicable toxicity data		
Remarks - Chronic -	No applicable toxicity data		



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Aquatic invertebrates.:			
Antimony trioxide	1		
	Acute LC50 > 530 Mg/l Fresh	Fish - Fish	96 h
	water		
Remarks - Acute - Fish:	Acute		
	Acute EC50 560 Mg/l Fresh water	Aquatic invertebrates.	48 h
		Crustaceans	
Remarks - Acute - Aquatic	Acute		
invertebrates.:			
	Acute EC50 423.45 Mg/l Fresh	Aquatic invertebrates.	48 h
	water	Daphnia	
Remarks - Acute - Aquatic	Acute		
invertebrates.:		1	1
	Acute EC50 0.73 Mg/l Fresh water	Aquatic plants - Algae	72 h
Remarks - Acute - Aquatic	Acute		
plants:		1	
	Acute EC50 0.74 Mg/l Fresh water	Aquatic plants - Algae	96 h
Remarks - Acute - Aquatic	Acute		
plants:		1	
	Acute NOEC 0.2 Mg/l Fresh water	Aquatic plants - Algae	96 h
Domontra Acuto Acustia	Chronic		
Remarks - Acute - Aquatic	Chionic		
plants:			
plants: Remarks - Chronic - Fish:	No applicable toxicity data		
plants: Remarks - Chronic - Fish: Remarks - Chronic -			
plants: Remarks - Chronic - Fish: Remarks - Chronic - Aquatic invertebrates.:	No applicable toxicity data No applicable toxicity data		
plants: Remarks - Chronic - Fish: Remarks - Chronic - Aquatic invertebrates.: 1,2-Benzenedicarboxylic acid,	No applicable toxicity data No applicable toxicity data di-C8-10-branched alkyl esters, C9-ric	ch	
plants: Remarks - Chronic - Fish: Remarks - Chronic - Aquatic invertebrates.: 1,2-Benzenedicarboxylic acid, Remarks - Acute - Fish:	No applicable toxicity data No applicable toxicity data di-C8-10-branched alkyl esters, C9-ric No applicable toxicity data	ch	
plants: Remarks - Chronic - Fish: Remarks - Chronic - Aquatic invertebrates.: 1,2-Benzenedicarboxylic acid, Remarks - Acute - Fish: Remarks - Acute - Aquatic	No applicable toxicity data No applicable toxicity data di-C8-10-branched alkyl esters, C9-ric	ch	
plants: Remarks - Chronic - Fish: Remarks - Chronic - Aquatic invertebrates.: 1,2-Benzenedicarboxylic acid, Remarks - Acute - Fish: Remarks - Acute - Aquatic invertebrates.:	No applicable toxicity data No applicable toxicity data di-C8-10-branched alkyl esters, C9-ric No applicable toxicity data No applicable toxicity data	ch	
plants: Remarks - Chronic - Fish: Remarks - Chronic - Aquatic invertebrates.: 1,2-Benzenedicarboxylic acid, Remarks - Acute - Fish: Remarks - Acute - Aquatic invertebrates.: Remarks - Acute - Aquatic	No applicable toxicity data No applicable toxicity data di-C8-10-branched alkyl esters, C9-ric No applicable toxicity data	ch	
plants: Remarks - Chronic - Fish: Remarks - Chronic - Aquatic invertebrates.: 1,2-Benzenedicarboxylic acid, Remarks - Acute - Fish: Remarks - Acute - Aquatic invertebrates.: Remarks - Acute - Aquatic plants:	No applicable toxicity data No applicable toxicity data di-C8-10-branched alkyl esters, C9-ric No applicable toxicity data No applicable toxicity data No applicable toxicity data	ch	
plants: Remarks - Chronic - Fish: Remarks - Chronic - Aquatic invertebrates.: 1,2-Benzenedicarboxylic acid, Remarks - Acute - Fish: Remarks - Acute - Aquatic invertebrates.: Remarks - Acute - Aquatic plants: Remarks - Chronic - Fish:	No applicable toxicity data No applicable toxicity data di-C8-10-branched alkyl esters, C9-ric No applicable toxicity data No applicable toxicity data No applicable toxicity data No applicable toxicity data	ch	
plants: Remarks - Chronic - Fish: Remarks - Chronic - Aquatic invertebrates.: 1,2-Benzenedicarboxylic acid, Remarks - Acute - Fish: Remarks - Acute - Aquatic invertebrates.: Remarks - Acute - Aquatic plants: Remarks - Chronic - Fish: Remarks - Chronic -	No applicable toxicity data No applicable toxicity data di-C8-10-branched alkyl esters, C9-ric No applicable toxicity data No applicable toxicity data No applicable toxicity data	ch	
plants: Remarks - Chronic - Fish: Remarks - Chronic - Aquatic invertebrates.: 1,2-Benzenedicarboxylic acid, Remarks - Acute - Fish: Remarks - Acute - Aquatic invertebrates.: Remarks - Acute - Aquatic plants: Remarks - Chronic - Fish: Remarks - Chronic - Aquatic invertebrates.:	No applicable toxicity data No applicable toxicity data di-C8-10-branched alkyl esters, C9-ric No applicable toxicity data No applicable toxicity data No applicable toxicity data No applicable toxicity data No applicable toxicity data	ch	
plants: Remarks - Chronic - Fish: Remarks - Chronic - Aquatic invertebrates.: 1,2-Benzenedicarboxylic acid, Remarks - Acute - Fish: Remarks - Acute - Aquatic invertebrates.: Remarks - Acute - Aquatic plants: Remarks - Chronic - Fish: Remarks - Chronic - Aquatic invertebrates.: 14790-01 EXPA9FB2 NAT 00	No applicable toxicity data No applicable toxicity data di-C8-10-branched alkyl esters, C9-ric No applicable toxicity data No applicable toxicity data No applicable toxicity data No applicable toxicity data No applicable toxicity data		
plants: Remarks - Chronic - Fish: Remarks - Chronic - Aquatic invertebrates.: 1,2-Benzenedicarboxylic acid, Remarks - Acute - Fish: Remarks - Acute - Aquatic invertebrates.: Remarks - Acute - Aquatic plants: Remarks - Chronic - Fish: Remarks - Chronic - Fish: Remarks - Chronic - Aquatic invertebrates.: 14790-01 EXPA9FB2 NAT 00 Remarks - Acute - Aquatic	No applicable toxicity data No applicable toxicity data di-C8-10-branched alkyl esters, C9-ric No applicable toxicity data No applicable toxicity data No applicable toxicity data No applicable toxicity data No applicable toxicity data		e polymer matrix.
plants: Remarks - Chronic - Fish: Remarks - Chronic - Aquatic invertebrates.: 1,2-Benzenedicarboxylic acid, Remarks - Acute - Fish: Remarks - Acute - Aquatic invertebrates.: Remarks - Acute - Aquatic plants: Remarks - Chronic - Fish: Remarks - Chronic - Fish: Remarks - Chronic - Aquatic invertebrates.: 14790-01 EXPA9FB2 NAT 00 Remarks - Acute - Aquatic invertebrates.:	No applicable toxicity data No applicable toxicity data di-C8-10-branched alkyl esters, C9-ric No applicable toxicity data No applicable toxicity data	s they are bound within the	· ·
plants: Remarks - Chronic - Fish: Remarks - Chronic - Aquatic invertebrates.: 1,2-Benzenedicarboxylic acid, Remarks - Acute - Fish: Remarks - Acute - Aquatic invertebrates.: Remarks - Acute - Aquatic plants: Remarks - Chronic - Fish: Remarks - Chronic - Fish: Remarks - Chronic - Aquatic invertebrates.: 14790-01 EXPA9FB2 NAT 00 Remarks - Acute - Aquatic	No applicable toxicity data No applicable toxicity data di-C8-10-branched alkyl esters, C9-ric No applicable toxicity data No applicable toxicity data O00 Chemicals are not readily available a : Chemicals are not readil		· ·
plants: Remarks - Chronic - Fish: Remarks - Chronic - Aquatic invertebrates.: 1,2-Benzenedicarboxylic acid, Remarks - Acute - Fish: Remarks - Acute - Aquatic invertebrates.: Remarks - Acute - Aquatic plants: Remarks - Chronic - Fish: Remarks - Chronic - Fish: Remarks - Chronic - Aquatic invertebrates.: 14790-01 EXPA9FB2 NAT 00 Remarks - Acute - Aquatic invertebrates.:	No applicable toxicity data No applicable toxicity data di-C8-10-branched alkyl esters, C9-ric No applicable toxicity data No applicable toxicity data	s they are bound within the	

Persistence and degradability

Conclusion/Summary

Chemicals are not readily available as they are bound within the polymer matrix.

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Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
2-Hydroxy-4-n-octoxybenzophenone	6	99.00	low
1,2-Benzenedicarboxylic acid, di-C8-	8.8	3.00	low
10-branched alkyl esters, C9-rich			

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

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



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International Water IMO/IMDG

: Consult mode specific transport rules

Section 15. Regulatory information

U.S. Federal regulations	:	United States - TSCA 12(b) - Chemical export notification: None of the components are listed.
		United States - TSCA 4(a) - Final Test Rules: Listed 1,2-
		Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich
		United States - TSCA 4(a) - ITC Priority list: Not listed
		United States - TSCA 4(a) - Proposed test rules: Not listed
		United States - TSCA 4(f) - Priority risk review: Not listed
		United States - TSCA 5(a)2 - Final significant new use rules:
		Listed 4-Nonylphenol, branched
		United States - TSCA 5(a)2 - Proposed significant new use rules:
		Not listed
		United States - TSCA 5(e) - Substances consent order: Not listed
		United States - TSCA 6 - Final risk management: Not listed
		United States - TSCA 6 - Proposed risk management: Listed
		Lead
		United States - TSCA 8(a) - Chemical risk rules: Not listed
		United States - TSCA 8(a) - Dioxin/Furane precusor: Not listed
		United States - TSCA 8(a) - Chemical Data Reporting (CDR): Not determined
		United States - TSCA 8(a) - Preliminary assessment report
		(PAIR): Listed 4-Nonylphenol, branched
		United States - TSCA 8(c) - Significant adverse reaction (SAR):
		Not listed
		United States - TSCA 8(d) - Health and safety studies: Not listed
		United States - EPA Clean water act (CWA) section 307 - Priority
		pollutants: Listed Antimony trioxide
		2-Ethylhexanoic acid zinc salt
		10,10'-Oxybisphenoxarsine
		Zinc chloride (ZnCl2)
		Phenol
		Arsenic
		Lead
		Vinyl chloride monomer





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		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.

%	Classification
>= 0.3 - <= 1	SKIN SENSITIZATION - Category 1
>= 10 - <= 25	EYE IRRITATION - Category 2B
>= 5 - <= 10	EYE IRRITATION - Category 2B
	CARCINOGENICITY - Category 2
	>= 0.3 - <= 1 >= 10 - <= 25

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<u>SARA 313</u>

Form R - Reporting requirements

Product name	CAS number	%
Lead	7439-92-1	> 0 - <= 0.1
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.

State regulations	
Massachusetts	: None of the components are listed.
New York	: The following components are listed: Antimony trioxide
New Jersey	: The following components are listed: Ethene, chloro-, homopolymer Antimony trioxide
Pennsylvania	: The following components are listed: Antimony trioxide
	-

<u>California Prop. 65</u>

WARNING: This product can expose you to chemicals including Antimony trioxide, 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich, which are known to the State of California to cause cancer, and Diisodecyl phthalate (mixed isomers), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Ingredient name	No significant risk level	Maximum acceptable dosage level
1,2-Benzenedicarboxylic acid, di-C8-10- branched alkyl esters, C9-rich	Yes.	-
Antimony trioxide	-	-
Diisodecyl phthalate (mixed isomers)	-	Yes.

United States inventory (TSCA 8b)	:	All components are active or exempted.	
Canada inventory	:	All components are listed or exempted.	

International regulations



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GEO

Performance Solutions

Inventory list

Australia	: Not determined.
Canada	: All components are listed or exempted.
China	: Not determined.
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
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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

Date of printing	:	12/19/2024
Date of issue/Date of revision	:	11/22/2019
Date of previous issue	:	03/31/2009
Version	:	1.1
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 = Intermediate Bulk Container
		IMDG = 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

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pollution) UN = United Nations Not available.

References

Notice to reader

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