

90310PFXNPF EPIC SUPER FLUO ORANGE

Version Number 1.6 Revision Date 04/28/2022 Page 1 of 15 Print Date 04/29/2022

SAFETY DATA SHEET

90310PFXNPF EPIC SUPER FLUO ORANGE

Section 1. Identification			
GHS product identifier	:	90310PFXNPF EPIC SUPER FLUO ORANGE	
Chemical name	:	Mixture	
CAS number	:	Mixture	
Other means of identification	:	FO20032005	
Product type	:	solid	
Relevant identified uses of the substance or mixture and uses advised against			
Product use	:	Industrial applications.	
Supplier's details	:	AVIENT CORPORATION	
		33587 Walker Road, Avon Lake, OH 44012	
		1 (440) 930-1000 or 1 (844) 4AVIENT	
Emergency telephone number (with hours of operation)	:	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. Information provided on the health effects of this product is based on individual components. All ingredients are bound and potential for hazardous exposure as shipped is minimal. However, some vapors may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. 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		
Signal word Hazard statements	:	No signal word. No known significant effects or critical hazards.

ÀVIENT

90310PFXNPF EPIC SUPER FLUO ORANGE

Version Number 1.6 Revision Date 04/28/2022 Page 2 of 15 Print Date 04/29/2022

Precautionary statements

	:	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	:	FO20032005

CAS number/other identifiers

Ingredient name	%	CAS number
Vinyl acetate	> 0 - <= 0.3	108-05-4

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.
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
	2/45



90310PFXNPF EPIC SUPER FLUO ORANGE

Version Number 1.6 Revision Date 04/28/2022 Page 3 of 15 Print Date 04/29/2022

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	:	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 medica	ll attention	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 withou suitable training.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

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 chemical	:	No specific fire or explosion hazard.
Hazardous thermal decomposition products	:	May emit Hydrogen Chloride (HCl). Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides



90310PFXNPF EPIC SUPER FLUO ORANGE

Version Number 1.6 Revision Date 04/28/2022 Page 4 of 15 Print Date 04/29/2022

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 aı	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 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	:	Put on appropriate personal protective equipment (see Section 8).
Advice on general occupational	:	Eating, drinking and smoking should be prohibited in areas where this
hygiene		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



90310PFXNPF EPIC SUPER FLUO ORANGE

Version Number 1.6 Revision Date 04/28/2022 Page 5 of 15 Print Date 04/29/2022

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
Vinyl acetate		OSHA PEL 1989 (1989-03-01) TWA 30 mg/m3 10 ppm STEL 60 mg/m3 20 ppm
Appropriate engineering controls Environmental exposure controls	:	Good general ventilation should be sufficient to control worker 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 Eye/face protection	:	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. 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.



90310PFXNPF EPIC SUPER FLUO ORANGE

Version Number 1.6 Revision Date 04/28/2022

Page 6 of 15 Print Date 04/29/2022

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

GI •

Physical state	:	solid [Paste.]
Color	:	ORANGE
Odor	:	Faint odor.
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.
Vapor density Relative density	:	Not available. Not available.
Relative density	:	Not available.
Relative density Solubility	:	Not available. Not available.
Relative density Solubility Solubility in water	:	Not available. Not available. insoluble in water.
Relative density Solubility Solubility in water Partition coefficient: n-	:	Not available. Not available. insoluble in water.
Relative density Solubility Solubility in water Partition coefficient: n- octanol/water	:	Not available. Not available. insoluble in water. Not available.
Relative density Solubility Solubility in water Partition coefficient: n- octanol/water Auto-ignition temperature	:	Not available. Not available. insoluble in water. Not available. Not available.



90310PFXNPF EPIC SUPER FLUO ORANGE

Version Number 1.6 Revision Date 04/28/2022 Page 7 of 15 Print Date 04/29/2022

Viscosity	:	Dynamic: Not available. Kinematic: Not available.	
Aerosol product			
Heat of combustion	:	Not available.	
Ignition distance	:	Not available.	
Enclosed space ignition - Time equivalent	:	Not available.	
Enclosed space ignition - Deflagration density	:	Not available.	
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.
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

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Acetic acid ethenyl ester				
	LD50 Oral	Rat	2,900 mg/kg	-
	LC50 Inhalation	Rat	11.4 Mg/l	4 h
	Vapor			
	LD50 Dermal	Rabbit	2,335 mg/kg	-

Conclusion/Summary

: Mixture.Not fully tested.

Irritation/Corrosion



90310PFXNPF EPIC SUPER FLUO ORANGE

Version Number 1.6 Revision Date 04/28/2022 Page 8 of 15 Print Date 04/29/2022

Conclusion/Summary Skin Eyes Respiratory <u>Sensitization</u>	 Mixture.Not fully tested. Mixture.Not fully tested. Mixture.Not fully tested.
Conclusion/Summary Skin Respiratory	Mixture.Not fully tested.Mixture.Not fully tested.
Mutagenicity	
Conclusion/Summary	: Mixture.Not fully tested.
Carcinogenicity	
Conclusion/Summary	: Mixture.Not fully tested.

Classification

Product/ingredient name	OSHA	IARC	NTP
Acetic acid ethenyl ester	-	2B	-

Reproductive toxicity

Conclusion/Summary	:	Mixture.Not fully tested.
--------------------	---	---------------------------

Teratogenicity

Conclusion/Summary	:	Mixture.Not fully tested.
--------------------	---	---------------------------

Specific target organ toxicity (single exposure) Not available.

Specific target organ toxicity (repeated exposure) Not available.

Aspiration hazard

Not available.

Information on the likely routes of : Not available. exposure

Potential acute health effects

- Eye contact
- : No known significant effects or critical hazards.



90310PFXNPF EPIC SUPER FLUO ORANGE

Version Number 1.6 Revision Date 04/28/2022 Page 9 of 15 Print Date 04/29/2022

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.

Symptoms related to the physical, chemical and toxicological characteristics

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

Delayed and immediate effects and also 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 Carcinogenicity	:	No known significant effects or critical hazards. 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

Product/ingredient name	Oral	Dermal	Inhalation (gases)	Inhalation (vapors)	Inhalation (dusts and mists)
90310PFXNPF EPIC SUPER FLUO ORANGE	2,900 mg/kg	2,335 mg/kg	N/A	11.4 Mg/l	N/A
Acetic acid ethenyl ester	2,900 mg/kg	2,335 mg/kg	N/A	11.4 Mg/l	N/A



90310PFXNPF EPIC SUPER FLUO ORANGE

:

Version Number 1.6 Revision Date 04/28/2022 Page 10 of 15 Print Date 04/29/2022

Other 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.

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure		
Acetic acid ethenyl ester					
Ť	Acute LC50 14 Mg/l Fresh water	Fish - Pimephales pro	melas 96 h		
	Acute LC50 10 - 100 Mg/l	Crustaceans - Crango			
	Marine water	crangon			
90310PFXNPF EPIC SUPER F	LUO ORANGE				
Remarks - Acute - Aquatic invertebrates.:	Chemicals are not readily availabl	e as they are bound with	in the polymer matrix.		
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.				
Conclusion/Summary	: Chemicals are not readily available as they are bound within the polymer matrix.				
Bioaccumulative potential					
Product/ingredient name	LogPow	BCF F	Potential		

Mobility in soil

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

10/15

90310PFXNPF EPIC SUPER FLUO ORANGE

Version Number 1.6 Revision Date 04/28/2022



Page 11 of 15 Print Date 04/29/2022

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	:	Not classified as dangerous goods under transport regulations.
International Water IMO/IMDG	:	Not classified as dangerous goods under transport regulations.

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: Not listed 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:
	11/15



90310PFXNPF EPIC SUPER FLUO ORANGE

Version Number 1.6 Revision Date 04/28/2022

Page 12 of 15 Print Date 04/29/2022

		Not listed United States - TSCA 5(e) - Substances consent order: Not listed United States - TSCA 6 - Final risk management: Not listed United States - TSCA 8(a) - Chemical risk rules: Not listed United States - TSCA 8(a) - Chemical risk rules: Not listed United States - TSCA 8(a) - Chemical Data Reporting (CDR): Not determined United States - TSCA 8(a) - Preliminary assessment report (PAIR): Not listed United States - TSCA 8(a) - Preliminary assessment report (PAIR): Not listed United States - TSCA 8(c) - Significant adverse reaction (SAR): Not listed United States - TSCA 8(d) - Health and safety studies: 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 Acrylonitrile Xanthylium, 3,6-bis(diethylamino)-9-[2- (methoxycarbonyl)phenyl]-, (T-4)-tetrachlorozincate(2-) (2:1) Vinyl chloride monomer Phenol 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: Listed Isobutane 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 Substances	:	Not listed
Clean Air Act Section 602 Class II Substances	:	Not listed
DEA List I Chemicals (Precursor Chemicals)	:	Not listed
DEA List II Chemicals (Essential Chemicals)	:	Not listed
US. EPA CERCLA Hazardous Subs	stanc	es (40 CFR 302)

not applicable

SARA 311/312

Classification

Not applicable.

:



90310PFXNPF EPIC SUPER FLUO ORANGE

Version Number 1.6 Revision Date 04/28/2022 Page 13 of 15 Print Date 04/29/2022

Composition/information on ingredients

No products were found.		
Name	%	Classification
Acetic acid ethenyl ester	> 0 - <= 0.3	FLAMMABLE LIQUIDS - Category 2 ACUTE TOXICITY - inhalation - Category 4 CARCINOGENICITY - Category 2

Form R - Reporting requirements

Product name	CAS number	%
Vinyl acetate	108-05-4	> 0 - <= 0.3

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.

Not applicable.

State regulations		
Massachusetts	:	None of the components are listed.
New York	:	The following components are listed: Vinyl acetate
New Jersey	:	The following components are listed: Isobutane Vinyl acetate
Pennsylvania	:	The following components are listed: Isobutane
		Vinyl acetate
<u>California Prop. 65</u> This product does not require a Safe Ha	arbo	r warning under California Prop. 65.
United States inventory (TSCA 8b)	:	All components are active or exempted.
Canada inventory	:	At least one component is not listed in DSL but all such components are listed in NDSL.
International regulations		
Inventory list		
Australia	:	Not determined.
		13/15



90310PFXNPF EPIC SUPER FLUO ORANGE

Version Number 1.6 Revision Date 04/28/2022 Page 14 of 15 Print Date 04/29/2022

Canada	At least one component is not listed in DSL but all such components are listed in NDSL.
China	All components are listed or exempted.
Europe inventory	Not determined.
Japan	All components are listed or exempted.
New Zealand	Not determined.
Philippines	Not determined.
Republic of Korea	All components are listed or exempted.
Taiwan	All components are listed or exempted.
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

Date of printing	:	04/29/2022
Date of issue/Date of revision	:	04/28/2022
Date of previous issue	:	02/28/2020
Version	:	1.6
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
		pollution)
		$\hat{U}N = United Nations$
References	:	Not available.
		14/15



90310PFXNPF EPIC SUPER FLUO ORANGE

Version Number 1.6 Revision Date 04/28/2022 Page 15 of 15 Print Date 04/29/2022

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.