CJ 04/22/24
TW 04/26/24
PT 09/09/24

Ecotox Report for Case # P-21-0202 (Version name 1)

General

[redacted]		**Report Status:**	Finalized
Status Date:	12/22/2022	**Chemistry Date:**	
Hazard Date:		**Hazard Chair:**	
Consolidated PMN:	N	**Consolidated Set:**	
Ecotox Related Cases:			
Health Related Cases:			
Submitter:			
CAS Number:			
Chemical Name:			
Use:			
Trade Name:			
PV max(kg/yr):		**Ecotox Assessor:**	Kennedy, Amuel

Fate Summary Statement

Fate Summary Statement:	

Chemical Structure

Physical Chemical Information

Molecular Weight:			
Wt% 500:		**Wt% 1000:**	
Physical State Neat:			
Melting Point:		**Melting Point (est):**	
MP (EPI):			
Vapor Pressure:		**Vapor Pressure (est):**	
VP (EPI):			

Water Solubility:		**Water Solubility (est):**	
Water Solubility (EPI):			
Henry's Law::			
Log Koc:		**Log Koc (EPI):**	
Log Kow:		**Log Kow (EPI):**	
Log Kow Comment:			

SAT Concern Level

Ecotox Rating (1):	Unknown
Ecotox Rating Comment (1):	Unknown due to insufficient information characterizing the ecotoxicity of the new chemical substance
Ecotox Rating (2):	
Ecotox Rating Comment (2):	
Ecotox Route of Exposure:	All releases to water

Ecotox Comments

Exposure Based Review (Eco):	
Ecotox Comments:	
Exposure Based Testing:	

PBT Ratings

Persistence	Bioaccumulation	Toxicity	Comments

Eco Toxicity Comment:

Fate Ratings

Removal in WWT/POTW (Overall):	

Condition	Rating Values	Rating Description 1	2	3	4	Comment
Removal in WWT/POTW (Overall):						
Condition	**Rating Values**	**Rating Description 1**	**2**	**3**	**4**	**Comment**
Fish BCF:						
Log Fish BCF:						
WWT/POTW Sorption:		Low	Moderate	Strong	V. Strong	
WWT/POTW Stripping:		Extensive	Moderate	Low	Negligible	
Biodegradation Removal:		Unknown	High	Moderate	Negligible	
Biodegradation Destruction:		Unknown	Complete	Partial	—	
Aerobic Biodeg Ult:		<= Days	Weeks	Months	> Months	
Aerobic Biodeg Prim:		Days	Weeks	Months	Months	
Anaerobic Biodeg Ult:		<= Days	Weeks	Months	> Months	
Anaerobic Biodeg Prim:		Days	Weeks	Months	Months	
Hydrolysis (t1/2 at pH 7,25C) A:		<= Minutes	Hours	Days	>= Months	
Hydrolysis (t1/2 at pH 7,25C) B:		Minutes	Hours	Days	Months	
Sorption to Soils/Sediments:		V. Strong	Strong	Moderate	Low	
Migration to Ground Water:		Negligible	Slow	Moderate	Rapid	
Photolysis A, Direct:		Negligible	Slow	Moderate	Rapid	
Photolysis B, Indirect:		Negligible	Slow	Moderate	Rapid	
Atmospheric Ox A, OH:		Negligible	Slow	Moderate	Rapid	
Atmospheric Ox B, O3:		Negligible	Slow	Moderate	Rapid	
Bio Comments:						
Fate Comments:						

Ecotoxicity Values

Test organism	Test Type	Test Endpoint	Predicted	Experimental	Comments
Fish	96-h	LC50			Unknown due to insufficient information characterizing the ecotoxicity of the new chemical substance.
Daphnid	48-h	LC50			Unknown due to insufficient information characterizing the ecotoxicity of the new chemical substance.
Green Algae	96-h	EC50			Unknown due to insufficient information characterizing the ecotoxicity of the new chemical substance.
Fish	-	Chronic Value			Unknown due to insufficient information characterizing the ecotoxicity of the new chemical substance.
Daphnid	-	Chronic Value			Unknown due to insufficient information characterizing the ecotoxicity of the new chemical substance.
Green Algae	-	Chronic Value			Unknown due to insufficient information characterizing the ecotoxicity of the new chemical substance.

Ecotox Value Comments: Unknown due to insufficient information characterizing the ecotoxicity of the new chemical substance.

Ecotox Factors

Factors	Most Sensitive Endpoint	Assessment Factor	CoC	Comment
Acute Aquatic(ppb):				An acute COC was not calculated due to insufficient information to characterize the ecotoxicity of this new chemical substance.
Chronic Aquatic(ppb):				A chronic COC was not calculated due to insufficient information to characterize the ecotoxicity of this new chemical substance.

Factors	Values	Comments
SARs:		
SAR Class:		
TSCA NCC Category?		

Recommended Testing:

Ecotox Haz Factors Comments: Environmental Hazard: Environmental hazard is relevant to whether a new chemical substance is likely to present unreasonable risk because the significance of the risk is dependent upon both the hazard (or toxicity) of the chemical substance and the extent of exposure to the substance. There is lack of scientific data/information to characterize, with an acceptable degree of certainty, the environmental hazards of the new chemical substance necessary to estimate acute and chronic toxicity values for fish, aquatic invertebrates, and algae.

Environmental Risk: Risks to the environment were evaluated by comparing estimated surface water concentrations (SWCs) with the acute and chronic concentrations of concern (COCs). When evaluating risks from chronic exposures, the number of the days of exceedance (SWC > chronic COC) is also considered in the risk assessment. There are unknown risks for the new chemical substance due to the lack of acceptable test data/information to characterize environmental hazards.

Ecotox Risk Factor Comments:

Comments/Telephone Log

Attachments	Update/Upload Time	Update/Upload By

Historic Documents

Attachments	Version Number	Updated/Uploaded Time	Updated/Uploaded By

Current Version Comments

Comment	Update/Upload Time	Update/Upload By