

Chemistry Report for Case # P-22-0013 (Version 2)

General

Submitter: Corteva Agriscience LLC	
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TS No.: 1B5X2M	
Chemist: Butler, T.	Contractor Support:
PV Init (kg/yr): [REDACTED]	PV Max (kg/yr): [REDACTED]
Binding Option: <input type="checkbox"/>	Exposure-Based Review: <input type="checkbox"/>
Manufacture: <input checked="" type="checkbox"/>	Import: <input checked="" type="checkbox"/>

Chemical ID

CAS Number: [REDACTED]
Chemical Name: [REDACTED]
Trade Name: [REDACTED]
IES Order:
Generic Name: 2-Pyridinecarboxylic acid, 3-halo,4-nitrogen-substituted-5-halo-6-halo, aryl ester
Chemistry Assessor:

Chemical Structure



Physical Chemical Properties

Molecular Formula: [REDACTED]	Molecular Weight: 359.58
% < 500:	% < 1000:
MP:	MP Estimate:
BP:	BP Pressure:
BP Estimate: >400	
VP (Torr):	VP Estimate (Torr): <0.000001
Water Solubility (g/L):	Water Soluble Estimate (g/L): 0.00917
Log P:	Log P Estimate: 3.25
Physical State — Neat: [REDACTED]	
Physical State — Manuf: Imported as [REDACTED]; Manufactured domestically as a [REDACTED]	
Physical State — Processing: NA	
Physical State — End Use: Destroyed	

Additional Chemical Info:

Submitted properties: [REDACTED] MP = [REDACTED] °C (Sub Est.); BP = [REDACTED] °C (Sub Est.); VP [REDACTED] torr (Sub Est.); WS = [REDACTED] mg/L (Sub Est.); logP = 3.24 (Sub Est.); Particle Size

Distribution: [REDACTED]

[REDACTED] was included in the submission.

Estimated properties (EPI, SMILES =

[REDACTED]; BP = 414.76 °C;

VP = 1.07E-7 torr; WS = 0.00917 g/L; logP = 3.25.

Estimated properties (STN/ACD): BP = 473.2 °C; VP =

4.01E-9 torr; WS = 0.022 g/L; logP = 3.03.

Uses

Consumer Use? [REDACTED]

Intended Uses (ICB):

Intended use: Chemical intermediate for Rinskor, a pesticide/herbicide.

Analogues (same use): [REDACTED]

Patents (same use): [REDACTED]

Other Uses:

Analogues (other use): None found.

Analogues (same use and other use): None found.

Patents (other use): None found.

Reaction Description

[REDACTED]

Pollution Prevention Analysis(P2 Analysis:)

None found.

Analogs

Analogues: [REDACTED]

Comments/Telephone Log

Attachments	Update/Upload Time	Update/Upload By
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Historic Documents

Attachments	Version Number	Updated/Uploaded Time	Updated/Uploaded By
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Current Version Comments

Comment	Update/Upload Time	Update/Upload By
IES report number removed	12/22/2021 13:23	Tristan Butler