

Section 1. Registration Information

Source Identification

Facility Name:	Polyolefins Process Research & Development Plant
Parent Company #1 Name:	The Dow Chemical Company
Submission Type:	Resubmission
Receipt Date:	May 2024

Facility Identification

Facility ID:	1000 0016 0461
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Dun and Bradstreet Numbers (DUNS)

Facility DUNS:	153018262
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Facility Location Address

Street 1:	1840 Union Carbide Drive
Street 2:	N/A
City:	South Charleston
State:	WV
ZIP:	25303
ZIP4:	N/A
County:	Kanawha

Facility Latitude and Longitude

Latitude (decimal):	38.352569
Longitude (decimal):	-081.702539

Local Emergency Planning Committee and Regulations

LEPC:	Kanawha Putnam EPC
OSHA PSM:	Yes
EPCRA 302:	Yes
CAA Title V:	Yes

Process Chemicals

Program Level:	Program Level 3 process
Chemical Name:	Isopentane [Butane, 2-methyl-]
CAS Number:	78-78-4
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	1-Butene
CAS Number:	106-98-9
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Propylene [1-Propene]
CAS Number:	115-07-1
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Ethylene [Ethene]
CAS Number:	74-85-1
Flammable/Toxic:	Flammable

Process NAICS

NAICS Code:	54171
NAICS Description:	Research and Development in the Physical, Engineering, and Life Sciences

Section 6. Accident History

No records found.

Section 9. Emergency Response

Written Emergency Response (ER) Plan

Community Plan (Is facility included in written community emergency response plan?):	Yes
Facility Plan (Does facility have its own written emergency response plan?):	Yes
Response Actions (Does ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?):	Yes
Public Information (Does ER plan include procedures for informing the public and local agencies responding to accidental release?):	Yes
Healthcare (Does facility's ER plan include information on emergency health care?):	Yes

Local Agency

Agency Name (Name of local agency with which the facility ER plan or response activities are coordinated):	Kanawha Putnam EPC
Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated):	(304) 414-3600