

## Section 1. Registration Information

### Source Identification

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Facility Name:	ExxonMobil Oil Corporation Joliet Refinery
Parent Company #1 Name:	Exxon Mobil Corporation
Submission Type:	Resubmission
Receipt Date:	May 2022

### Facility Identification

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Facility ID:	1000 0014 6772
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### Dun and Bradstreet Numbers (DUNS)

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Facility DUNS:	49316776
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### Facility Location Address

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Street 1:	I-55 & Arsenal Road
Street 2:	East Frontage Road
City:	Channahon
State:	IL
ZIP:	60410
ZIP4:	N/A
County:	Will

### Facility Latitude and Longitude

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Latitude (decimal):	41.415556
Longitude (decimal):	-088.184167

### Local Emergency Planning Committee and Regulations

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LEPC:	Will County LEPC
OSHA PSM:	Yes
EPCRA 302:	Yes
CAA Title V:	Yes

## Process Chemicals

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Program Level:	Program Level 3 process
Chemical Name:	Hydrogen fluoride/Hydrofluoric acid (conc 50% or greater) [Hydrofluoric acid]
CAS Number:	7664-39-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Hydrogen sulfide
CAS Number:	7783-06-4
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Ammonia (conc 20% or greater)
CAS Number:	7664-41-7
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Flammable Mixture
CAS Number:	00-11-11
Flammable/Toxic:	Flammable

## Flammable Mixture Chemical Components

Chemical Name:	Isopentane [Butane, 2-methyl-]
CAS Number:	78-78-4
Flammable/Toxic:	Flammable
Chemical Name:	Ethane
CAS Number:	74-84-0
Flammable/Toxic:	Flammable
Chemical Name:	Propane
CAS Number:	74-98-6
Flammable/Toxic:	Flammable
Chemical Name:	Propyne [1-Propyne]
CAS Number:	74-99-7
Flammable/Toxic:	Flammable
Chemical Name:	Isobutane [Propane, 2-methyl]
CAS Number:	75-28-5
Flammable/Toxic:	Flammable
Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable

Chemical Name: Pentane  
CAS Number: 109-66-0  
Flammable/Toxic: Flammable

Chemical Name: Butene  
CAS Number: 25167-67-3  
Flammable/Toxic: Flammable

Program Level: Program Level 3 process  
Chemical Name: Flammable Mixture  
CAS Number: 00-11-11  
Flammable/Toxic: Flammable

### Flammable Mixture Chemical Components

Chemical Name: Isopentane [Butane, 2-methyl-]  
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Flammable/Toxic: Flammable

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CAS Number: 74-84-0  
Flammable/Toxic: Flammable

Chemical Name: Propane  
CAS Number: 74-98-6  
Flammable/Toxic: Flammable

Chemical Name: Propyne [1-Propyne]  
CAS Number: 74-99-7  
Flammable/Toxic: Flammable

Chemical Name: Isobutane [Propane, 2-methyl]  
CAS Number: 75-28-5  
Flammable/Toxic: Flammable

Chemical Name: Butane  
CAS Number: 106-97-8  
Flammable/Toxic: Flammable

Chemical Name: Pentane  
CAS Number: 109-66-0  
Flammable/Toxic: Flammable

Chemical Name: Ethylene [Ethene]  
CAS Number: 74-85-1  
Flammable/Toxic: Flammable

Program Level:	Program Level 3 process
Chemical Name:	Flammable Mixture
CAS Number:	00-11-11
Flammable/Toxic:	Flammable

### Flammable Mixture Chemical Components

Chemical Name:	Isopentane [Butane, 2-methyl-]
CAS Number:	78-78-4
Flammable/Toxic:	Flammable

Chemical Name:	Methane
CAS Number:	74-82-8
Flammable/Toxic:	Flammable

Chemical Name:	Ethane
CAS Number:	74-84-0
Flammable/Toxic:	Flammable

Chemical Name:	Propane
CAS Number:	74-98-6
Flammable/Toxic:	Flammable

Chemical Name:	Propyne [1-Propyne]
CAS Number:	74-99-7
Flammable/Toxic:	Flammable

Chemical Name:	Isobutane [Propane, 2-methyl]
CAS Number:	75-28-5
Flammable/Toxic:	Flammable

Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable

Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable

Chemical Name:	Hydrogen
CAS Number:	1333-74-0
Flammable/Toxic:	Flammable

Chemical Name:	Butene
CAS Number:	25167-67-3
Flammable/Toxic:	Flammable

Chemical Name:	Ethylene [Ethene]
CAS Number:	74-85-1
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	Flammable Mixture
CAS Number:	00-11-11
Flammable/Toxic:	Flammable

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CAS Number:	74-84-0
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Chemical Name:	Propane
CAS Number:	74-98-6
Flammable/Toxic:	Flammable

Chemical Name:	Isobutane [Propane, 2-methyl]
CAS Number:	75-28-5
Flammable/Toxic:	Flammable

Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable

Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable

Chemical Name:	Propylene [1-Propene]
CAS Number:	115-07-1
Flammable/Toxic:	Flammable

Chemical Name:	Hydrogen
CAS Number:	1333-74-0
Flammable/Toxic:	Flammable

Chemical Name: Butene  
CAS Number: 25167-67-3  
Flammable/Toxic: Flammable

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Chemical Name: Pentane  
CAS Number: 109-66-0  
Flammable/Toxic: Flammable

Chemical Name: Propylene [1-Propene]  
CAS Number: 115-07-1  
Flammable/Toxic: Flammable

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CAS Number: 25167-67-3  
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Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable

Chemical Name:	Propylene [1-Propene]
CAS Number:	115-07-1
Flammable/Toxic:	Flammable

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Chemical Name:	Methane
CAS Number:	74-82-8
Flammable/Toxic:	Flammable

Chemical Name:	Ethane
CAS Number:	74-84-0
Flammable/Toxic:	Flammable

Chemical Name:	Propane
CAS Number:	74-98-6
Flammable/Toxic:	Flammable

Chemical Name:	Propyne [1-Propyne]
CAS Number:	74-99-7
Flammable/Toxic:	Flammable

Chemical Name:	Isobutane [Propane, 2-methyl]
CAS Number:	75-28-5
Flammable/Toxic:	Flammable

Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable

Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable

Chemical Name:	Hydrogen
CAS Number:	1333-74-0
Flammable/Toxic:	Flammable

Chemical Name:	Butene
CAS Number:	25167-67-3
Flammable/Toxic:	Flammable

Chemical Name:	Ethylene [Ethene]
CAS Number:	74-85-1
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
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Chemical Name:	Ethane
CAS Number:	74-84-0
Flammable/Toxic:	Flammable



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CAS Number: 74-98-6  
Flammable/Toxic: Flammable

Chemical Name: Isobutane [Propane, 2-methyl]  
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Flammable/Toxic: Flammable

Chemical Name: Butane  
CAS Number: 106-97-8  
Flammable/Toxic: Flammable

Chemical Name: Pentane  
CAS Number: 109-66-0  
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Flammable/Toxic: Flammable

Chemical Name: Ethane  
CAS Number: 74-84-0  
Flammable/Toxic: Flammable

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Chemical Name: Isobutane [Propane, 2-methyl]  
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Flammable/Toxic: Flammable

Chemical Name: Butane  
CAS Number: 106-97-8  
Flammable/Toxic: Flammable

Chemical Name: Pentane  
CAS Number: 109-66-0  
Flammable/Toxic: Flammable

Chemical Name: Hydrogen  
CAS Number: 1333-74-0  
Flammable/Toxic: Flammable

Chemical Name: Ethylene [Ethene]  
CAS Number: 74-85-1  
Flammable/Toxic: Flammable

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CAS Number: 74-98-6  
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Chemical Name: Butane  
CAS Number: 106-97-8  
Flammable/Toxic: Flammable

Chemical Name: Pentane  
CAS Number: 109-66-0  
Flammable/Toxic: Flammable

Chemical Name:	Propylene [1-Propene]
CAS Number:	115-07-1
Flammable/Toxic:	Flammable

Chemical Name:	Hydrogen
CAS Number:	1333-74-0
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CAS Number:	25167-67-3
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CAS Number:	74-85-1
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CAS Number:	74-82-8
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Chemical Name:	Ethane
CAS Number:	74-84-0
Flammable/Toxic:	Flammable

Chemical Name:	Propane
CAS Number:	74-98-6
Flammable/Toxic:	Flammable

## Process NAICS

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NAICS Code:	32411
NAICS Description:	Petroleum Refineries

## Section 6. Accident History

No records found.

## Section 9. Emergency Response

### Written Emergency Response (ER) Plan

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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

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Agency Name (Name of local agency with which the facility ER plan or response activities are coordinated):	Will County Emergency Mgmt. Agency
Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated):	(815) 740-0911