

Section 1. Registration Information

Source Identification

Facility Name:	Holcim (US), Inc. and Geocycle, LLC
Parent Company #1 Name:	Holcim (US), Inc.
Submission Type:	Resubmission
Receipt Date:	May 2023

Facility Identification

Facility ID:	1000 0020 7233
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Dun and Bradstreet Numbers (DUNS)

Facility DUNS:	N/A
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Facility Location Address

Street 1:	2175 Gardner Blvd
Street 2:	N/A
City:	Holly Hill
State:	SC
ZIP:	29059
ZIP4:	N/A
County:	Orangeburg

Facility Latitude and Longitude

Latitude (decimal):	33.274725
Longitude (decimal):	-080.433468

Local Emergency Planning Committee and Regulations

LEPC:	Orangeburg County LEPC
OSHA PSM:	N/A
EPCRA 302:	Yes
CAA Title V:	Yes

Process Chemicals

Program Level:	Program Level 2 process
Chemical Name:	Propylene oxide [Oxirane, methyl-]
CAS Number:	75-56-9
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Chloroform [Methane, trichloro-]
CAS Number:	67-66-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Isobutyronitrile [Propanenitrile, 2-methyl-]
CAS Number:	78-82-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Ethylenediamine [1,2-Ethanediamine]
CAS Number:	107-15-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Allyl alcohol [2-Propen-1-ol]
CAS Number:	107-18-6
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Cyclohexylamine [Cyclohexanamine]
CAS Number:	108-91-8
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Toluene 2,4-diisocyanate [Benzene, 2,4-diisocyanato-1-methyl-]
CAS Number:	584-84-9
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Ammonia (conc 20% or greater)
CAS Number:	7664-41-7
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Vinyl acetate monomer [Acetic acid ethenyl ester]
CAS Number:	108-05-4
Flammable/Toxic:	Toxic

Program Level:	Program Level 2 process
Chemical Name:	Epichlorohydrin [Oxirane, (chloromethyl)-]
CAS Number:	106-89-8
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Acrylonitrile [2-Propenenitrile]
CAS Number:	107-13-1
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Toluene diisocyanate (unspecified isomer) [Benzene, 1,3-diisocyanatomethyl-]
CAS Number:	26471-62-5
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Propyleneimine [Aziridine, 2-methyl-]
CAS Number:	75-55-8
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Dimethyldichlorosilane [Silane, dichlorodimethyl-]
CAS Number:	75-78-5
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Propylene oxide [Oxirane, methyl-]
CAS Number:	75-56-9
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Ethyleneimine [Aziridine]
CAS Number:	151-56-4
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Chloroform [Methane, trichloro-]
CAS Number:	67-66-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Carbon disulfide
CAS Number:	75-15-0
Flammable/Toxic:	Toxic

Program Level:	Program Level 2 process
Chemical Name:	Methyltrichlorosilane [Silane, trichloromethyl-]
CAS Number:	75-79-6
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Isobutyronitrile [Propanenitrile, 2-methyl-]
CAS Number:	78-82-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Peracetic acid [Ethaneperoxoic acid]
CAS Number:	79-21-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Ethylenediamine [1,2-Ethanediamine]
CAS Number:	107-15-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Allyl alcohol [2-Propen-1-ol]
CAS Number:	107-18-6
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Cyclohexylamine [Cyclohexanamine]
CAS Number:	108-91-8
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Piperidine
CAS Number:	110-89-4
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Crotonaldehyde, (E)- [2-Butenal, (E)-]
CAS Number:	123-73-9
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Toluene 2,4-diisocyanate [Benzene, 2,4-diisocyanato-1-methyl-]
CAS Number:	584-84-9
Flammable/Toxic:	Toxic

Program Level:	Program Level 2 process
Chemical Name:	Crotonaldehyde [2-Butenal]
CAS Number:	4170-30-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Ammonia (conc 20% or greater)
CAS Number:	7664-41-7
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Vinyl acetate monomer [Acetic acid ethenyl ester]
CAS Number:	108-05-4
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Epichlorohydrin [Oxirane, (chloromethyl)-]
CAS Number:	106-89-8
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Acrylonitrile [2-Propenenitrile]
CAS Number:	107-13-1
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Toluene diisocyanate (unspecified isomer) [Benzene, 1,3-diisocyanatomethyl-]
CAS Number:	26471-62-5
Flammable/Toxic:	Toxic
Program Level:	Program Level 2 process
Chemical Name:	Flammable Mixture
CAS Number:	00-11-11
Flammable/Toxic:	Flammable

Flammable Mixture Chemical Components

Chemical Name:	Acetaldehyde
CAS Number:	75-07-0
Flammable/Toxic:	Flammable
Chemical Name:	Ethyl mercaptan [Ethanethiol]
CAS Number:	75-08-1
Flammable/Toxic:	Flammable

Chemical Name:	Isopentane [Butane, 2-methyl-]
CAS Number:	78-78-4
Flammable/Toxic:	Flammable
Chemical Name:	Trifluorochloroethylene [Ethene, chlorotrifluoro-]
CAS Number:	79-38-9
Flammable/Toxic:	Flammable
Chemical Name:	Trimethylamine [Methanamine, N,N-dimethyl-]
CAS Number:	75-50-3
Flammable/Toxic:	Flammable
Chemical Name:	Propyne [1-Propyne]
CAS Number:	74-99-7
Flammable/Toxic:	Flammable
Chemical Name:	Vinyl chloride [Ethene, chloro-]
CAS Number:	75-01-4
Flammable/Toxic:	Flammable
Chemical Name:	Ethylamine [Ethanamine]
CAS Number:	75-04-7
Flammable/Toxic:	Flammable
Chemical Name:	Isobutane [Propane, 2-methyl]
CAS Number:	75-28-5
Flammable/Toxic:	Flammable
Chemical Name:	Isopropylamine [2-Propanamine]
CAS Number:	75-31-0
Flammable/Toxic:	Flammable
Chemical Name:	Vinylidene chloride [Ethene, 1,1-dichloro-]
CAS Number:	75-35-4
Flammable/Toxic:	Flammable
Chemical Name:	Tetramethylsilane [Silane, tetramethyl-]
CAS Number:	75-76-3
Flammable/Toxic:	Flammable
Chemical Name:	Isoprene [1,3-Butadiene, 2-methyl-]
CAS Number:	78-79-5
Flammable/Toxic:	Flammable

Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable
Chemical Name:	1-Butene
CAS Number:	106-98-9
Flammable/Toxic:	Flammable
Chemical Name:	1,3-Butadiene
CAS Number:	106-99-0
Flammable/Toxic:	Flammable
Chemical Name:	Ethyl acetylene [1-Butyne]
CAS Number:	107-00-6
Flammable/Toxic:	Flammable
Chemical Name:	2-Butene
CAS Number:	107-01-7
Flammable/Toxic:	Flammable
Chemical Name:	Vinyl methyl ether [Ethene, methoxy-]
CAS Number:	107-25-5
Flammable/Toxic:	Flammable
Chemical Name:	Methyl formate [Formic acid, methyl ester]
CAS Number:	107-31-3
Flammable/Toxic:	Flammable
Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable
Chemical Name:	1-Pentene
CAS Number:	109-67-1
Flammable/Toxic:	Flammable
Chemical Name:	Vinyl ethyl ether [Ethene, ethoxy-]
CAS Number:	109-92-2
Flammable/Toxic:	Flammable
Chemical Name:	Propylene [1-Propene]
CAS Number:	115-07-1
Flammable/Toxic:	Flammable

Chemical Name:	2-Methylpropene [1-Propene, 2-methyl-]
CAS Number:	115-11-7
Flammable/Toxic:	Flammable
Chemical Name:	Tetrafluoroethylene [Ethene, tetrafluoro-]
CAS Number:	116-14-3
Flammable/Toxic:	Flammable
Chemical Name:	Dimethylamine [Methanamine, N-methyl-]
CAS Number:	124-40-3
Flammable/Toxic:	Flammable
Chemical Name:	Propadiene [1,2-Propadiene]
CAS Number:	463-49-0
Flammable/Toxic:	Flammable
Chemical Name:	2,2-Dimethylpropane [Propane, 2,2-dimethyl-]
CAS Number:	463-82-1
Flammable/Toxic:	Flammable
Chemical Name:	1,3-Pentadiene
CAS Number:	504-60-9
Flammable/Toxic:	Flammable
Chemical Name:	2-Chloropropylene [1-Propene, 2-chloro-]
CAS Number:	557-98-2
Flammable/Toxic:	Flammable
Chemical Name:	3-Methyl-1-butene
CAS Number:	563-45-1
Flammable/Toxic:	Flammable
Chemical Name:	2-Methyl-1-butene
CAS Number:	563-46-2
Flammable/Toxic:	Flammable
Chemical Name:	2-Butene-cis
CAS Number:	590-18-1
Flammable/Toxic:	Flammable

Chemical Name:	1-Chloropropylene [1-Propene, 1-chloro-]
CAS Number:	590-21-6
Flammable/Toxic:	Flammable
Chemical Name:	2-Pentene, (Z)-
CAS Number:	627-20-3
Flammable/Toxic:	Flammable
Chemical Name:	2-Pentene, (E)-
CAS Number:	646-04-8
Flammable/Toxic:	Flammable
Chemical Name:	Vinyl acetylene [1-Buten-3-yne]
CAS Number:	689-97-4
Flammable/Toxic:	Flammable
Chemical Name:	Trichlorosilane [Silane, trichloro-]
CAS Number:	10025-78-2
Flammable/Toxic:	Flammable
Chemical Name:	Butene
CAS Number:	25167-67-3
Flammable/Toxic:	Flammable
Chemical Name:	Ethyl ether [Ethane, 1,1'-oxybis-]
CAS Number:	60-29-7
Flammable/Toxic:	Flammable
Chemical Name:	Methylamine [Methanamine]
CAS Number:	74-89-5
Flammable/Toxic:	Flammable

Program Level:	Program Level 2 process
Chemical Name:	Flammable Mixture
CAS Number:	00-11-11
Flammable/Toxic:	Flammable

Flammable Mixture Chemical Components

Chemical Name:	Acetaldehyde
CAS Number:	75-07-0
Flammable/Toxic:	Flammable

Chemical Name:	Ethyl mercaptan [Ethanethiol]
CAS Number:	75-08-1
Flammable/Toxic:	Flammable
Chemical Name:	Isopentane [Butane, 2-methyl-]
CAS Number:	78-78-4
Flammable/Toxic:	Flammable
Chemical Name:	Trifluorochloroethylene [Ethene, chlorotrifluoro-]
CAS Number:	79-38-9
Flammable/Toxic:	Flammable
Chemical Name:	Trimethylamine [Methanamine, N,N-dimethyl-]
CAS Number:	75-50-3
Flammable/Toxic:	Flammable
Chemical Name:	Propyne [1-Propyne]
CAS Number:	74-99-7
Flammable/Toxic:	Flammable
Chemical Name:	Vinyl chloride [Ethene, chloro-]
CAS Number:	75-01-4
Flammable/Toxic:	Flammable
Chemical Name:	Ethylamine [Ethanamine]
CAS Number:	75-04-7
Flammable/Toxic:	Flammable
Chemical Name:	Isobutane [Propane, 2-methyl]
CAS Number:	75-28-5
Flammable/Toxic:	Flammable
Chemical Name:	Isopropylamine [2-Propanamine]
CAS Number:	75-31-0
Flammable/Toxic:	Flammable
Chemical Name:	Vinylidene chloride [Ethene, 1,1-dichloro-]
CAS Number:	75-35-4
Flammable/Toxic:	Flammable
Chemical Name:	Tetramethylsilane [Silane, tetramethyl-]
CAS Number:	75-76-3
Flammable/Toxic:	Flammable

Chemical Name:	Isoprene [1,3-Butadiene, 2-methyl-]
CAS Number:	78-79-5
Flammable/Toxic:	Flammable
Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable
Chemical Name:	1-Butene
CAS Number:	106-98-9
Flammable/Toxic:	Flammable
Chemical Name:	1,3-Butadiene
CAS Number:	106-99-0
Flammable/Toxic:	Flammable
Chemical Name:	Ethyl acetylene [1-Butyne]
CAS Number:	107-00-6
Flammable/Toxic:	Flammable
Chemical Name:	2-Butene
CAS Number:	107-01-7
Flammable/Toxic:	Flammable
Chemical Name:	Vinyl methyl ether [Ethene, methoxy-]
CAS Number:	107-25-5
Flammable/Toxic:	Flammable
Chemical Name:	Methyl formate [Formic acid, methyl ester]
CAS Number:	107-31-3
Flammable/Toxic:	Flammable
Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable
Chemical Name:	1-Pentene
CAS Number:	109-67-1
Flammable/Toxic:	Flammable
Chemical Name:	Vinyl ethyl ether [Ethene, ethoxy-]
CAS Number:	109-92-2
Flammable/Toxic:	Flammable

Chemical Name:	Propylene [1-Propene]
CAS Number:	115-07-1
Flammable/Toxic:	Flammable
Chemical Name:	2-Methylpropene [1-Propene, 2-methyl-]
CAS Number:	115-11-7
Flammable/Toxic:	Flammable
Chemical Name:	Dimethylamine [Methanamine, N-methyl-]
CAS Number:	124-40-3
Flammable/Toxic:	Flammable
Chemical Name:	Propadiene [1,2-Propadiene]
CAS Number:	463-49-0
Flammable/Toxic:	Flammable
Chemical Name:	2,2-Dimethylpropane [Propane, 2,2-dimethyl-]
CAS Number:	463-82-1
Flammable/Toxic:	Flammable
Chemical Name:	1,3-Pentadiene
CAS Number:	504-60-9
Flammable/Toxic:	Flammable
Chemical Name:	2-Chloropropylene [1-Propene, 2-chloro-]
CAS Number:	557-98-2
Flammable/Toxic:	Flammable
Chemical Name:	3-Methyl-1-butene
CAS Number:	563-45-1
Flammable/Toxic:	Flammable
Chemical Name:	2-Methyl-1-butene
CAS Number:	563-46-2
Flammable/Toxic:	Flammable
Chemical Name:	2-Butene-cis
CAS Number:	590-18-1
Flammable/Toxic:	Flammable
Chemical Name:	1-Chloropropylene [1-Propene, 1-chloro-]
CAS Number:	590-21-6
Flammable/Toxic:	Flammable

Chemical Name:	2-Pentene, (Z)-
CAS Number:	627-20-3
Flammable/Toxic:	Flammable
Chemical Name:	2-Pentene, (E)-
CAS Number:	646-04-8
Flammable/Toxic:	Flammable
Chemical Name:	Vinyl acetylene [1-Buten-3-yne]
CAS Number:	689-97-4
Flammable/Toxic:	Flammable
Chemical Name:	Trichlorosilane [Silane, trichloro-]
CAS Number:	10025-78-2
Flammable/Toxic:	Flammable
Chemical Name:	Butene
CAS Number:	25167-67-3
Flammable/Toxic:	Flammable
Chemical Name:	Ethyl ether [Ethane, 1,1'-oxybis-]
CAS Number:	60-29-7
Flammable/Toxic:	Flammable
Chemical Name:	Methylamine [Methanamine]
CAS Number:	74-89-5
Flammable/Toxic:	Flammable

Process NAICS

NAICS Code:	32731
NAICS Description:	Cement Manufacturing

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):	SC DHEC Bureau of Air Quality
Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated):	(803) 898-3432