

# OCI 주식회사

2024 - 06 - 21

MSDS : AA00725 - 0000018034

(MSDS)

1.

가. :

회사명 : 오씨아이 주식회사 / (주)대명케미칼

주소 : 경기도 화성시 마도면 청원산단3길 187

: 02-462-3857

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H272

H301

H311

H314

H318

H330

H331

H341

( 가 .) (1 )

H371 ( 가 .) (1 )

H373 ( 가 .) ( )

( ) 가 .)

H400

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P201

P202

P210

P220 가

P260 . .가 . . ( )

P261 . .가 . .

P264

P270

P271 가

P273

P280 . . . ( )

P284 ( 가 )

-

P301+P310

P301+P330+P331

P302+P352

P303+P361+P353 ( ) :

P304+P340 : 가

P305+P351+P338 : .가

P308+P313

P308+P311

P310 /

P311 /

P312 /

P314 /

# OCI 주식회사

P320  
 P321  
 P330  
 P361+P364  
 P363  
 P370+P378  
 P391

P403+P233 가  
 P405

P501

NFPA : (Health), (Flammability), (Reactivity)  
 ( 0 = , 1 = , 2 = , 3 = , 4 = )

	NFPA		
	(Health)		(Reactivity)
Sodium chlorite	1	0	1
Water	0	0	0

### 3.

		CAS No.	(%)
Sodium chlorite		7758 - 19 - 2	23.0~23.0
Water		7732 - 18 - 5	77.0~77.0

### 4.

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# OCI 주식회사

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## 5.

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# OCI 주식회사

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## 9.

pH	12.6
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n - /	
	90.44

# OCI 주식회사

10.

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11.

가. 가  
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# OCI 주식회사

- ( ) PRODUCT : 3(ATEmix = 100mg/kg)  
- Sodium chlorite : ( 3 : 100mg/kg) - (97 - 1 - 163)  
- Water : LD50 > 90 Ml/kg bw, rat : ChemIDplus

- ( ) PRODUCT : 3(ATEmix = 300mg/kg)  
- Sodium chlorite : ( 3 : 300mg/kg) - (97 - 1 - 163)  
- Water :

- ( :가 ) PRODUCT : 3(ATEmix = 700ppm)  
- Sodium chlorite : ( 3 : 700ppm) - (97 - 1 - 163)  
- Water :

- ( : ) PRODUCT :  
- Sodium chlorite :  
- Water :

- ( : / ) PRODUCT : 2(ATEmix = .23mg/L)  
- Sodium chlorite : LC50 0.23 mg/ 4 hr : Rat  
- Water :

- PRODUCT : 1  
- Sodium chlorite : ( 1) - (97 - 1 - 163)  
- Water :

- PRODUCT : 1  
- Sodium chlorite : /  
(Guidelines for Hazardous Evaluation for Humans and Domestic Animals, Federal Register, Vol. 43, No. 163, 1978; section 163.81 - 5)  
- Water :

- PRODUCT :  
- Sodium chlorite :  
- Water :

- PRODUCT :  
- Sodium chlorite : (LLNA) . (OECD Guideline 406, GLP)  
- Water :

- PRODUCT :  
- Sodium chlorite : 3 (IARC)  
- Water :

PRODUCT : 2

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- Sodium chlorite : (OECD TG 476, GLP) (OECD TG 474) (OECD TG 475) NITE 2
- Water : In vitro - *S. cerevisiae* 가 P450 가 (Salmonella typhimurium) :  
PRODUCT :
- Sodium chlorite : ( / ) 가  
NOAEL parental =10 mg/kg bw/day, NOAEL F1 =5 mg/kg bw/day ( : CAS NO.10049 - 04 - 4) /  
가 . LOAEL maternal toxicity=600 mg/L (drinking water), NOAEL maternal toxicity=200 mg/L (drinking water) , LOAEL embryotoxicity=600 mg/L (drinking water), NOAELembryotoxicity=200 mg/L (drinking water) (EPA OPP 83 - 3, GLP)
- Water : 2 , , 가 (rabbit) : HSDB  
(1 ) PRODUCT : 2
- Sodium chlorite : , , , 가 , , 가  
, 가 , . NITE 2( , )
- Water : ( ) PRODUCT : 2
- Sodium chlorite : ( / ) 가 . LOAEL=19mg chlorite/ kg bw/day, NOAEL=7.5mg chlorite/kg bw/day (EPA OPP 82 - 1, GLP) NITE 2( , )
- Water :  
PRODUCT :
- Sodium chlorite :
- Water :

## 12.

가.

- Sodium chlorite : LC50 105 mg/ 96 hr (Cyprinodon variegatus, EPA OPP 72 - 1, GLP)
- Water : LC50=16062.827mg/ (96hr) (EPI SUITE)
- Sodium chlorite : EC50 0.0146 mg/ 48 hr Daphnia magna
- Water : LC50=6675.5mg/ (48hr, Daphnid) (EPI SUITE)
- Sodium chlorite : ErC50 0.15 mg/ (EPA OPP 122 - 2, GLP)
- Water : EC50=1368.294mg/ (96hr, Green algae) (EPI SUITE)
- Sodium chlorite :
- Water : log Kow = - 1.38 (EPI SUITE)

# OCI 주식회사

- Sodium chlorite :
- Water :
  
- Sodium chlorite :
- Water :
  
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- Sodium chlorite :
- Water : BCF=3.162 (EPI SUITE)
  
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- Sodium chlorite :
- Water : Koc=13.22 (EPI SUITE)
  
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- Sodium chlorite :
- Water :

## 13.

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## 14.

- 가. (UN No.) : 1908
- . : CHLORITE SOLUTION
- . : 8
- . : II
- . :
- . 가 가 :
- . : F - A
- . : S - B
  
- (ADR)
- . Tunnel restriction code : E
  
- (IMDG)
- . :
  
- Air transport(IATA)
- . : 1908
- . : CHLORITE SOLUTION
- . : 8
- . : II

# OCI 주식회사

15.

가. PRODUCT :

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. PRODUCT : PRTR , 인체급성유해성물질, 생태유해성물질

- Sodium chlorite : PRTR , 인체급성유해성물질, 생태유해성물질

- Water :

. PRODUCT :

- Sodium chlorite : 1

- Water :

. PRODUCT :

- Sodium chlorite :

- Water :

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PRODUCT :

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가 PRODUCT :

- Sodium chlorite : ,

- Water : ,

1907/2006/EC PRODUCT : EU - REACH (1907/2006) - Annex IV - Exemptions from the  
Obligation to Register (Article 2(7)(a)), EU - REACH (1907/2006) - Community Rolling Action Plan (CoRAP) List of Substances, EU - REACH (1907/2006) - List of Pre-registered Substances, EU - REACH (1907/2006) - List of Registered Intermediates, EU - REACH (1907/2006) - List of Registered Substances, EU - REACH (1907/2006) - Registered Substances Considered not to be PBT/vPvB, EU - REACH (1907/2006) - Registered Substances PBT/vPvB Assessment Does Not Apply

- Sodium chlorite : EU - REACH (1907/2006) - Community Rolling Action Plan (CoRAP) List of

Substances, EU - REACH (1907/2006) - List of Pre-registered Substances, EU - REACH (1907/2006) - List of Registered Intermediates, EU - REACH (1907/2006) - List of Registered Substances

, EU - REACH (1907/2006) - Registered Substances Considered not to be PBT/vPvB, EU

- REACH (1907/2006) - Registered Substances PBT/vPvB Assessment Does Not Apply

- Water : EU - REACH (1907/2006) - Annex IV - Exemptions from the Obligation to

Register (Article 2(7)(a)), EU - REACH (1907/2006) - List of Pre-registered Substances

United Nations Environment Program Montreal Protocol on Substances that Deplete the Ozone Layer PRODUCT :

-

United Nations Environment Program Persistent Organic Pollutants (POPs) Intergovernmental Negotiating Committee (INC) PRODUCT :

-

California Safe Drinking Water and Toxic Enforcement Act PRODUCT :

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U.S. Department of Transportation, 49 CFR 172.101 Hazardous Materials Table, Appendix A Table 1

- Hazardous Substances Other Than Radionuclides PRODUCT :

-

U.S. Designation, Reportable Quantities, and Notification PRODUCT :

-

U.S. Emergency Planning and Notification PRODUCT :

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U.S. Federal Insecticide, Fungicide and Rodenticide Act PRODUCT : U.S. - FIFRA - Listing of Pesticide Chemicals (40 CFR 180)

- Sodium chlorite : U.S. - FIFRA - Listing of Pesticide Chemicals (40 CFR 180)

- Water :

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U.S. Integrated Risk Information System PRODUCT : U.S. - EPA - IRIS Carcinogenicity  
- Sodium chlorite : U.S. - EPA - IRIS Carcinogenicity Assessment  
- Water :

U.S. Toxic Chemical Release Reporting - Community Right - to - Know PRODUCT :  
-

U.S. Toxic Substances Control Act PRODUCT : U.S. - TSCA (Toxic Substances Control Act) -  
Section 8(a) - Chemical Data Reporting Rule - Fully Exempt Substances  
- Sodium chlorite :  
- Water : U.S. - TSCA (Toxic Substances Control Act) - Section 8(a) - Chemical Data Reporting  
Rule - Fully Exempt Substances

16.

가.

- ChemIDplus
- ECHA
- ECHA, ChemIDplus, NITE
- ECHA, NITE
- EHCA
- NCIS

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: 2018 - 05 - 01

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: 2024 - 06 - 21

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