

CERIC SULPHATE 0.05N VOLUMETRIC SOLUTION

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□ □ (EU) 2020/878 □ □ □ □ REACH □ □ (EC) 1907/2006 □ □ □ □
□ □ □ □ □ : 8/3/2026 □ □ : 1.0

□ □ 1: □ □ □ □ □ □ □ □ □ □

1.1. □ □ □ □

□ □ □ □	:	□ □ □
□ □ □	:	CERIC SULPHATE 0.05N VOLUMETRIC SOLUTION
□ □ □ □	:	2642P
□ □ □ □	:	Solution
□ □ □	:	Cerium (IV) sulphate 0.05N Volumetric Solution

1.2. □ □ □ □ □ □ □ □ □ □ □ □ □ □

□ □ □ □ □ □	:	Laboratory chemicals
□ □ □ □ / □ □ □ □ □ □	:	Reagent

1.3. □ □ □ □ □ □ □ □ □ □ □ □

LOBA CHEMIE PVT.LTD.
107 Wode House Road, Jehangir Villa, Colaba
400005 Mumbai
INDIA
T +91 22 6663 6663, F +91 22 6663 6699
info@lobachemie.com, www.lobachemie.com

1.4. □ □ □ □ □ □

□ □ □ □ □ □	:	+ 91 22 6663 6663 (9:00am - 6:00 pm)
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□ □ 2: □ □ □ □ □ □ □ □

2.1. □ □ □ □ □ □ □ □

Regulation (EC) No.1272/2008 [CLP] □ □ □ □

□ □ □ □ □, □ □ 1	H290
□ □ □ □ □ / □ □ □ □ □, □ □ 2	H315
□ □ □ □ □ □ □ □ □ □ □, □ □ 2	H319
□ □ □ □ □ □ □ □ - □ □, □ □ 2	H411
H-□ □ □ EUH-□ □ □ □: □ □ 16 □ □	

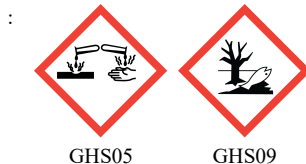
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2.2. □ □ □ □ □ □ □ □ □ □ □ □ □ □

□ □ (EC) No. 1272/2008 □ □ □ □ □ □ [CLP]

□ □ □ □ □ □ □ □ □ □ (CLP)



□ □ □ □ (CLP)	:	□ □ □
□ □ □ □ □ □ □ □ (CLP)	:	H290 - □ □ □ □ □ □ □ □ □ □.
		H315 - □ □ □ □ □ □ □ □ □ □.
		H319 - □ □ □ □ □ □ □ □ □ □.
		H411 - □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □.
□ □ □ □ □ □ □ □ (CLP)	:	P234 - □ □ □ □ □ □ □ □ □ □ □ □.
		P273 - □ □ □ □ □ □ □ □ □ □ □ □.
		P280 - □ □ □ □ □, □ □ □ □, □ □ □ □ □ (□) □ □ □ □ □ □.

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□□ (EU) 2020/878 □□ □□□ REACH □□ (EC) 1907/2006 □□ □□

P302+P352 - □□□ □□□ □□□ □ □□□□.
P305+P351+P338 - □□ □□□□: □ □□ □□ □□□□ □□□□. □□□□ □□□ □□□ □□□□□□. □□ □□□□.

2.3. □□ □□

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

□ □□□□ REACH □ 59(1) □□ □□ □□□ □□ □□□ □□ □□□ □□ □□□ □□ □□□ □□ □□□, □□□ □□ □□ (EU) 2017/2100 □□ □□□ □□ (EU) 2018/605 □ □□□ □□□ □□ □□□ 0.1% □□□ □□□ □□ □□□ □□ □□□ □□ □□□ □□ □□□ □□ □□□

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3.2. □□□

□□	□□□□	%	Regulation (EC) No.1272/2008 [CLP] □□ □□
WATER	CAS □□: 7732-18-5 EC □□: 231-791-2	90 – 95	□□□□ □□
AMMONIUM CERIC SULPHATE DIHYDRATE	CAS □□: 10378-47-9	1 – 5	□□□□ □□
SULPHURIC ACID	CAS □□: 7664-93-9 EC □□: 231-639-5 EC □□ □□: 016-020-00-8	1 – 5	□□ □□□ 1, H314

H-□□ □□ EUH-□□ □□: □□ 16 □□

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4.1. □□□□ □□

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6.1. □□□ □□□□ □□ □□□ □□□□ □ □□□

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□□ (EU) 2020/878 □□ □□□□ REACH □□ (EC) 1907/2006 □□ □□

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□ □□: Chemical goggles or safety glasses

Skin protection

□□ □□: Wear a mask

□ □□: Protective gloves

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□□□ □□: Wear appropriate mask

□□ 9: □□□□□ □□

9.1. □□□□ □□□□□ □□□ □□ □□

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CERIC SULPHATE 0.05N VOLUMETRIC SOLUTION

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□□ (EU) 2020/878 □□ □□□ REACH □□ (EC) 1907/2006 □□ □□

□□	: Yellow orange.
□□	: Clear liquid.
□□	: Odourless.
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□□ □□	: □□□□
pH	: □□□□
□□(□□□)	: □□□□
□□□	: □: Miscible
Partition coefficient n-octanol/water (Log Kow)	: □□□□
□□□	: □□□□
50°C□□□ □□□	: □□□□
□□	: 1.039 g/cm³ at 20 °C
□□	: □□□□
20°C□□□ □□ □□ □□	: □□□□
□□ □□	: □□□□

9.2. □□□□□□□□

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10.6. □□□ □□□□ □□□□

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11.1. □□ (EC) No 1272/2008 □□□□, □□□ □□□ □□ □□

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SULPHURIC ACID (7664-93-9)	
pH	1.2 (5 g/L)
WATER (7732-18-5)	
pH	6 – 8 at 25°C
□□ □ □□ □□ □□□ : □□ □□ □□□ □□□.	
SULPHURIC ACID (7664-93-9)	
pH	1.2 (5 g/L)
WATER (7732-18-5)	
pH	6 – 8 at 25°C
□□□ □□ □□ □□□	: □□□□ □□
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□□ □□□□ □□ (1□ □□)	: □□□□ □□
□□ □□□□ □□ (□□ □□)	: □□□□ □□
□□ □□□	: □□□□ □□
AMMONIUM CERIC SULPHATE DIHYDRATE (10378-47-9)	
□□(□□□)	□□□□
SULPHURIC ACID (7664-93-9)	
□□(□□□)	12.5 mm²/s
WATER (7732-18-5)	
□□(□□□)	0.894 mm²/s

11.2. □□ □□ □□

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□□ 12: □□□ □□□ □□

12.1. □□

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12.2. □□□ □ □□□

CERIC SULPHATE 0.05N VOLUMETRIC SOLUTION	
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AMMONIUM CERIC SULPHATE DIHYDRATE (10378-47-9)	
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SULPHURIC ACID (7664-93-9)	
□□□ □ □□□	□□ □□ □□
WATER (7732-18-5)	
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12.3. □□ □□□

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CERIC SULPHATE 0.05N VOLUMETRIC SOLUTION

(EU) 2020/878
REACH
(EC) 1907/2006

12.4.

12.5. PBT vPvB

12.6.

12.7.

13:

13.1.

14:

ADR / IMDG / IATA / ADN / RID

14.1. UN ID

UN- (ADR)	: UN 3264
UN- (IMDG)	: UN 3264
UN- (IATA)	: UN 3264
UN- (ADN)	: UN 3264
UN- (RID)	: UN 3264

14.2. UN

(ADR)	: , , ,
(IMDG)	: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
(IATA)	: Corrosive liquid, acidic, inorganic, n.o.s.
(ADN)	: , , ,
(RID)	: , , ,
(ADR) (ADR)	: UN 3264 , , , (CERIC SULPHATE 0.05N VOLUMETRIC SOLUTION), 8, III, (E),
Transport document description (IMDG)	: UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (CERIC SULPHATE 0.05N VOLUMETRIC SOLUTION), 8, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS
Transport document description (IATA)	: UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (CERIC SULPHATE 0.05N VOLUMETRIC SOLUTION), 8, III, ENVIRONMENTALLY HAZARDOUS
Transport document description (ADN)	: UN 3264 , , , , 8, III,
Transport document description (RID)	: UN 3264 , , , , 8, III,

14.3.

ADR

(ADR)	: 8
(ADR)	: 8
	:



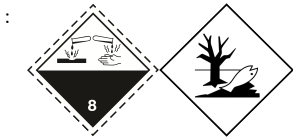
IMDG

(IMDG)	: 8
(IMDG)	: 8

CERIC SULPHATE 0.05N VOLUMETRIC SOLUTION

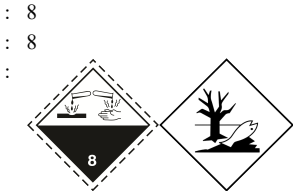
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□□ (EU) 2020/878 □□ □□□ REACH □□ (EC) 1907/2006 □□ □□



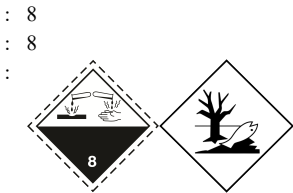
IATA

□□□□□ □□□ □□ (IATA)
□□ □□ (IATA)



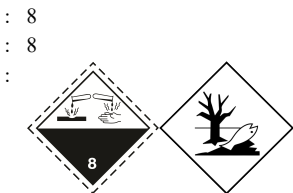
ADN

□□□□□ □□□ □□ (ADN)
□□ □□ (ADN)



RID

□□□□□ □□□ □□ (RID)
□□ □□ (RID)



14.4. □□□□

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□□ □□(IMDG)	: III
□□ □□ (IATA)	: III
□□ □□(ADN)	: III
□□ □□(RID)	: III

14.5. □□ □□□

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EmS-No. (□□)	: F-A
EmS-No. (□□)	: S-B
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14.6. □□□□ □□ □□ □□□□

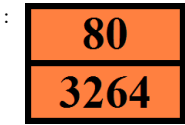
□□ □□	
□□ □□ (ADR)	: C1
□□ □□(ADR)	: 274
□□□□(ADR)	: 51
□□□□(ADR)	: E1
□□ □□(ADR)	: P001, IBC03, LP01, R001
□□ □□ □□ □□ □□(ADR)	: MP19
□□□□ □□ □□ □□□□ □□ (ADR)	: T7
□□□□ □□ □□ □□□□ □□ □□ (ADR)	: TP1, TP28
□□ □□(ADR)	: L4BN
□□ □□ □□(ADR)	: TU42
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□□ □□ □□(Kemler □□)	: 80

CERIC SULPHATE 0.05N VOLUMETRIC SOLUTION

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□□ (EU) 2020/878 □□ □□□ REACH □□ (EC) 1907/2006 □□ □□

Orange plates (□□□□□□)



□□ □□ □□ (ADR)

: E

EAC □□

: 2X

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□□ □□ (IMDG)

: 223, 274

□□ □□ (IMDG)

: 5 L

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: E1

□□ □□ (IMDG)

: P001, LP01

IBC □□ □□ (IMDG)

: IBC03

□□ □□ (IMDG)

: T7

□□ □□ □□ (IMDG)

: TP1, TP28

□□ □□ (IMDG)

: A

□□ □□ □□ (IMDG)

: SW2

□□ (IMDG)

: SGG1, SG36, SG49

□□□ □□□□ (IMDG)

: Causes burns to skin, eyes and mucous membranes.

□□ □□

PCA □□ □□ (IATA)

: E1

PCA □□ □□ (IATA)

: Y841

PCA □□ □□ □□ □□ (IATA)

: 1L

PCA □□ □□ (IATA)

: 852

PCA □□ □□□ (IATA)

: 5L

CAO □□ □□ (IATA)

: 856

CAO □□ □□□ (IATA)

: 60L

□□ □□ (IATA)

: A3, A803

ERG □□ (IATA)

: 8L

□□ □□ □□

□□ □□ (ADN)

: C1

□□ □□ (ADN)

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: 5 L

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: E1

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: PP, EP

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: 0

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□□ □□ (RID)

: C1

□□ □□ (RID)

: 274

□□ □□ (RID)

: 5L

□□□ (RID)

: E1

□□ □□ (RID)

: P001, IBC03, LP01, R001

□□ □□ □□ □□ □□ (RID)

: MP19

□□□ □□ □□ □□□□ □□ (RID)

: T7

□□□ □□ □□ □□□□ □□ □□ (RID)

: TP1, TP28

RID □□□ □□ □□ (RID)

: L4BN

RID □□□ □□ □□ (RID)

: TU42

□□ □□ (RID)

: 3

□□ □□ □□ □□ - □□ (RID)

: W12

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: CE8

□□□ □□ □□ (RID)

: 80

14.7. □□□□□□ (IMO) □□ □□ □□ □□

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□□ (EU) 2020/878 □ □ □ □ REACH □□ (EC) 1907/2006 □ □ □

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SZW-lijst van kankerverwekkende stoffen : SULPHURIC ACID(□) □□□ □□□□□
SZW-lijst van mutagene stoffen : □□ □□□ □□□□ □□□□□.
SZW-lijst van reprotoxische stoffen – Borstvoeding : □□ □□□ □□□□ □□□□□.
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : □□ □□□ □□□□ □□□□□.
SZW-lijst van reprotoxische stoffen – Ontwikkeling : □□ □□□ □□□□ □□□□□.

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Act of 14 December 2012 on waste (J. o L. 2013, item 322 as amended; consolidated text J. o L. 2020, item 797).
The announcement of Marshal of the Sejm of the Republic of Poland dated 19 October 2016 concerning the consolidated text announcement of the decree on the management of packaging and packaging waste (J. o L. 2016, item 1863 as amended).
Decree of the Minister of Environment of 14 December 2014 on the catalogue of waste (J. o L. 2014, item 1923).
Act of 19 August 2011 on the Carriage of Dangerous Goods (J. o L. 2011 No. 227, item 1367 as amended; consolidated text J. o L. 2020, item 154).
Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the highest permissible concentration and intensity of noxious agents for health at work environment (J. o L. item 1286 as amended).
The announcement of Minister of Health dated 9 September 2016 concerning the consolidated text announcement of the decree of the Minister of Health of 30 December 2004 on health and safety at work related to exposure to chemical agents at work (J. o L. of 16 September 2016, item 1488)
Regulation of the Minister of Health of 2 February 2011 on tests and measurements of the noxious agents for health at work environment (J. o L. No. 33, item 166 as amended).
Regulation of the Minister of Environment of 9 December 2003 on particularly hazardous substances to the environment (J. o L. No. 217, item 2141).
ADR Agreement: Government Statement of 13 March 2023 on the entry into force of amendments to Annexes A and B to the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), signed in Geneva on 30 September 1957 (J. o. L. 2023, item 891)
Regulation of the Minister of Health of 25 August 2015 on the method of marking places, pipelines, and containers and tanks used for storing or containing hazardous substances or hazardous mixtures (J.o.L. 2015, item 1368 as amended)

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Royal Decree 665/1997 : Is not subject to the Royal Decree 665/1997

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H314	□□□ □□ □□□ □ □□□ □□□.
H315	□□□ □□□ □□□.
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