CERIC SULPHATE 0.05N VOLUMETRIC SOLUTION

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

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1.1. □□□□

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

1.2. □□□□ □□ □□□□ □□ □□ □□ □□

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□□□□/□□□□ □□	:	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)

□□ 2: □□□·□□□

2.1. □□□·□□□ □□

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

□□ □□□, □□ 1	H290
□□ □□□/□□ □□□, □□ 2	H315
□□ □ □□□/□ □□□, □□ 2	H319
□□□□ □□□ – □□, □□ 2	H411

H-□□ □ EUH-□□ □□: □□ 16 □□

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□□ (EC) No. 1272/2008□ □□ □□ □□[CLP]

□□ □□ □□□□(CLP) :

GHS05 GHS09

□□□ (CLP) : □□

□□·□□ □□ (CLP) : H290 - □□□ □□□□ □ □□.
H315 - □□□ □□□ □□□.
H319 - □□ □□ □□□ □□□.
H411 - □□□□ □□□ □□ □□□□□□ □□□.

□□ □□ □□(CLP) : P234 - □□□ □□□□ □□□□□.
P273 - □□□□ □□□□ □□□.
P280 - □□□□, □□□, □□□ □(□) □□□□□.

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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□□	□□□□	%	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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Chemical goggles or safety glasses

Skin protection

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Wear a mask

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Protective gloves

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Wear appropriate mask

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9.1. □□□□ □□□□□ □□□ □□ □□

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

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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

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AMMONIUM CERIC SULPHATE DIHYDRATE (10378-47-9)	
□□(□□□)	□□□□

SULPHURIC ACID (7664-93-9)	
□□(□□□)	12.5 mm²/s

WATER (7732-18-5)	
□□(□□□)	0.894 mm²/s

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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)	
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WATER (7732-18-5)	
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12.5. PBT □ vPvB □□ □□

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□□ 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, □□□ □□

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ADR

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	:	

IMDG

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□□ □□ (IMDG)	:	8

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IATA

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□□ □□(IMDG) : III

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EmS-No. (□□) : F-A

EmS-No. (□□) : S-B

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□□ □□ (ADR) : C1

□□ □□(ADR) : 274

□□□(ADR) : 5l

□□□(ADR) : E1

□□ □□(ADR) : P001, IBC03, LP01, R001

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□□ □□(ADR) : L4BN

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□□ □□ □□(Kemler □□) : 80

Orange plates (□□□□□□) :

□□ □□ □□ (ADR) : E

EAC □□ : 2X

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□□ □□ (IMDG) : 223, 274

□□ □□(IMDG) : 5 L

□□□(IMDG) : 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.

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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) : 274

□□□(ADN) : 5 L

□□□(ADN) : E1

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□□ □□(ADN) : PP, EP

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□□ □□(RID) : C1

□□ □□(RID) : 274

□□ □□(RID) : 5L

□□□(RID) : E1

□□ □□ (RID) : P001, IBC03, LP01, R001

□□ □□ □□ □□ □□(RID) : MP19

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RID □□□ □□ □□(RID) : L4BN

RID □□□ □□ □□(RID) : TU42

□□ □□(RID) : 3

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□□ □□□ : CE8

□□□ □□ □□ (RID) : 80

14.7. □□□□□□□(IMO)□ □□ □□ □□ □□

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EU □□

REACH □□□ XVII (□□ □□)

REACH □□□ XVII (□□ □□)□ □□□ □□□ □□□□ □□

REACH □□□ XIV (□□ □□)

REACH □□□ XIV (□□ □□)□ □□□ □□□ □□□□ □□

REACH □□ □□ □□ (SVHC)

REACH □□ □□ □□□ □□□ □□□ □□□□ □□

PIC □□ (□□□□□□)

PIC □□(□□ □□□□ □□□□ □□ □□ EU 649/2012)□ □□□ □□□ □□□□ □□

POP □□ (□□□ □□ □□□□)

POP □□□ □□□ □□□ □□□□ □□ (□□□□□□□□□□ □□ □□ EC 2019/1021)

Ozone Regulation (2024/590)

Not listed on the Ozone Depletion list (Regulation EU 2024/590)
Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

□□□□ □□(428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

□□ □□□□ □□ (2019/1148)

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Sulphuric acid	7664-93-9	15 % w/w	40 % w/w	ex 2807 00 00	ex 3824 99 96

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Sulphuric acid		7664-93-9	2807 00 00	□□ 3		□□□ I

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Employment restrictions : □□ □□ □□□ (MuSchG)□ □□ □□ □□.
□□ □□□ □□□ (JArbSchG)□ □□ □□ □□.

WGK : WGK nwg, □□ □□ □□ □□ (□□ □□ □□ □□□ □□ □□ □□(AwSV)□ □□ □□ □ □).

□□ □□ □□(12. BImSchV) : Is listed in the Major Accidents Ordinance (12. BImSchV)

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□□	□□	□□	□□ □□	□□ □□
1.3.2	E2	Hazardous to the aquatic environment, Chronic 2	200,000 kg	500,000 kg

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

15.2. □□ □□ □□□ □□

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H290	□□□ □□□□ □ □□.
H314	□□□ □□ □□□ □ □□□ □□□.
H315	□□□ □□□ □□□.
H319	□□ □□ □□□ □□□.
H411	□□□□ □□□ □□ □□□□□□ □□□.

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