

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

SDS Reference Number: 05343

□□□□□: 4/9/2015 □□□□□: 7/2/2025 □□□□: 7/2/2025 □□: 2.0

#### ao 1: aaaaa aaa aa aa

#### 1.1.

□□□ : POTASSIUM CHROMATE EXTRA PURE

:

 $2K^{+}\begin{bmatrix} O \\ O \\ O \end{bmatrix}^{2}$ 

□□□ : Chromate of potassium; Chromic acid dipotassium salt; Neutral potassium chromate

# 1.2.

Laboratory chemicals, Manufacture of substances

#### 1.3.

LOBA CHEMIE PVT.LTD.

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400005 Mumbai

INDIA

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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] $\square$ $\square$ $\square$

$ \square \square$	H315
$ \square \square$	H319
	H317
0000 0000, 00 1B	H340
$\square$	H350i
0000000-1000,003,000000	H335
0000 000 - 00, 00 1	H410
$\square$	

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### 2.2.

□□ (EC) No. 1272/2008□ □□ □□ □□ [CLP]

□□ □□ □□□□(CLP)







GHS07

GH

GHS09

 $\square \square \square$  (CLP)

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 $\square \square \cdot \square \square \square \square (CLP)$ 

: H315 - DDD DDD DDD.

H317 - 00000 00 000 000 000.

H319 - 00 00 000 000. H335 - 000 000 000 000. H340 - 000 000 000 000.

H410 - 000 000 00 000000 00 000.

: P202 - 00 00 000 000 00 000 000 000 000.

P261 - 0000, 00, 00, 0, 00, 000 0 000 0000.

P273 - 0000 0000 000.

P280 - 000, 000, 00000, 0000 0(0) 00000.

P308+P313 - 0000 000 000 00: 000 00·000 000.

### 2.3. □ □ □ □

# 

# 3.1.

	0000	%
,	CAS :: 7789-00-6 EC :: 232-140-5 EC :: 024-006-00-8	100

# \_\_ **4:** \_\_\_\_\_

# 4.1.

	00000 000 0000 00/000 0000.
	a aa aaa aaa aaaa. aaaa aaa aa aa aaa a
	0000 000 0000 <b>(</b> 00 <b>)</b> 0 000 0000.
:	
	0 0000. 0000 00/000 0000. 00 000 000. 00 00 00 000 0
	00/000 000. Wash skin with plenty of water. 000 000 000. 00 00 00 000
	0: 0000 00/000 0000.
:	0 00 00 0000 0000. 0000 000000 00000. 00 00
	Consult an ophtalmologist if irritation persists.

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: Rinse mouth out with water. If you feel unwell, seek medical advice.

#### 4.2.

: 00 00 00. Eye irritation.

### 4.3.

Treat symptomatically.

#### 

#### 5.1.

□□□□□□□ : dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2). Water spray. Dry powder.

Foam.

: Do not use a heavy water stream.

### 5.2.

: Toxic fumes may be released.

# 5.3.

protective clothing.

#### nn **6:** nnnnn nnnn

# 6.1.

□□□□ : Ventilate area.

### 6.2.

#### 6.3.

: Mechanically recover the product. Clear up rapidly by scoop or vacuum.

: Dispose of materials or solid residues at an authorized site.

#### 6.4. חחחחח

For further information refer to section 13.

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#### 007:000000

### 7.1.

#### **7.2.**

: 000 000 00000. Store in original container. 000 000 00000. 0000 00000.

# 7.3.

# oo **8:** oooo o ooooo

# 8.1.

# **8.2.** $\Box$

#### 000 000 00

0000000:

Ensure good ventilation of the work station.

#### 00 00 00 00:







O O O:

Safety glasses

#### **Skin protection**

OO OO:

Wear a mask

#### 

Wear protective gloves. Protective gloves

00000:

#### \_\_\_\_\_

00 00 00:

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#### \_\_ **9:** \_\_\_\_\_

# 9.1.

: 00

| Elemon yellow. | Crystalline powder. | 194.19 g/mol | Odourless. | 971 °C | 1000 °C

pH : 8.6-9.8 at 50 g/l at  $20^{\circ}$ C

□ : □: 69.9 g/100ml at 20°C - Soluble

 Partition coefficient n-octanol/water (Log Kow)
 : | | | | |

 50°C| | | | | | |
 : | | | |

 0
 : | 2.73 g/cm³

 0
 : | | | | |

 20°C| | | | | | | | |
 : | | | |

 Particle size
 : | | | | |

# 9.2.

# \_\_ 10: \_\_\_ \_ \_ \_ \_ \_

#### 10.1.

The product is non-reactive under normal conditions of use, storage and transport.

## 10.2.

Stable under normal conditions.

# 10.3.

No dangerous reactions known under normal conditions of use.

## 10.4.

□□□□. Air contact. Moisture.

### 10.5.

### 10.6.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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#### 00 **11:** 000 00 00

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

pH: 8.6 – 9.8 at 50 g/l at 20°C

pH: 8.6-9.8 at 50 g/l at 20°C

: 000 000 00.

### **POTASSIUM CHROMATE EXTRA PURE (7789-00-6)**

# 11.2.

# \_\_ **12:** \_\_ \_\_ \_\_ \_\_

### 12.1. □ □

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 : 0000 000 00 000000 00 000

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 : 0000 00

 0000 00
 : 0000 00

#### 12.2.

### POTASSIUM CHROMATE EXTRA PURE (7789-00-6)

# **12.3.** $\Box$ $\Box$ $\Box$

#### 12.4.

# **12.5.** PBT □ vPvB □ □ □ □

### **POTASSIUM CHROMATE EXTRA PURE (7789-00-6)**

 $\square$   $\square$   $\square$   $\square$   $\square$  REACH  $\square$   $\square$  ,  $\square$   $\square$  XIII  $\square$   $\square$  vPvB  $\square$  ( $\square$  )  $\square$   $\square$   $\square$ 

# 12.6.

#### 12.7.

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# 13: 000 0000

# 13.1.

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

00/00 00 0000 : 00 00 000 000 00 000.(000 0 000, 0 000 000 000 000 00

# \_\_ **14:** \_\_\_ \_\_ \_\_

ADR / IMDG / IATA / ADN / RID 🗆 🗆

### 14.1. UN 🗆 🗆 🗆 ID 🗆

 $UN-\Box\Box$  (ADR) : UN 3077  $UN-\Box\Box$  (IMDG) : UN 3077  $UN-\Box\Box$  (IATA) : UN 3077 : UN 3077  $UN-\Box\Box$  (ADN)  $UN-\Box\Box$  (RID) : UN 3077

### **14.2.** UN □□ □□□

: 0000000,00,00000000000 □□ □□□ (ADR)

: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. □□ □□□ (IMDG)

□□ □□□ (IATA) Environmentally hazardous substance, solid, n.o.s.  $\square$   $\square$   $\square$   $\square$  (ADN) 

 $\square$   $\square$   $\square$   $\square$  (RID)

 $\square$   $\square$   $\square$   $\square$   $\square$  (ADR) (ADR)

: UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Potassium Transport document description (IMDG)

chromate), 9, III, MARINE POLLUTANT

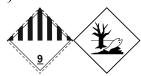
Transport document description (IATA) : UN 3077 Environmentally hazardous substance, solid, n.o.s. (Potassium chromate), 9, III Transport document description (ADN) Transport document description (RID)

### 14.3.

#### **ADR**

: 9 □□□□□ □□□ (ADR)

 $\Box\Box\Box\Box$  (ADR)



#### **IMDG**

□□□□□□□□□ (IMDG) : 9

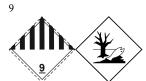
□ □ □ □ (IMDG)



## **IATA**

□□□□□□□□□ (IATA)

 $\Box\Box\Box\Box$  (IATA)



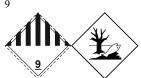
7/2/2025 (□□ □□□□) KO (□□□) 7/13

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#### ADN

: 9 □□□□□□□□□ (ADN) : 9

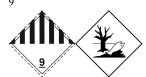
□□ □□ (ADN)



#### RID

□□□□□□□□□ (RID) : 9

: 9  $\square$   $\square$   $\square$  (RID)



# 14.4.

 $\Box\Box\Box\Box$  (ADR) : III  $\square$   $\square$   $\square$  (IMDG) : III  $\Box\Box\Box\Box$  (IATA) : III : III  $\square$   $\square$   $\square$   $\square$  (ADN)  $\square$   $\square$   $\square$   $\square$  (RID) : III

### 14.5.

: 🗆 🗆 : 🗆 🗆 EmS-No.  $(\Box\Box)$ : F-A EmS-No.  $(\Box\Box)$ : S-F

: 00 00 00 00

### 14.6.

 $\square$   $\square$   $\square$  (ADR) : M7

 $\square$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$ : 274, 335, 375, 601

 $\square$   $\square$   $\square$  (ADR) : 5kg : E1  $\square$   $\square$   $\square$  (ADR)

: P002, IBC08, LP02, R001  $\Box\Box\Box\Box(ADR)$ 

: PP12, B3  $\Box\Box\Box\Box$  (ADR) □□ □□ □□ □□ (ADR) : MP10

□□□ □□ □□ □□ □□ (ADR) : T1, BK1, BK2, BK3

□□□ □□ □ □□ □□ □□ (ADR) : TP33 : SGAV, LGBV  $\square$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$ 

: AT  $\square$   $\square$   $\square$   $\square$  (ADR) : 3 □□ □□ □□ □□ - □□(ADR) : V13 □□ □□ □□ □□ - □□ □□(ADR) : VC1, VC2 : CV13

 $\square$   $\square$   $\square$   $\square$   $\square$  (Kemler  $\square$   $\square$ ) : 90 Orange plates  $(\Box\Box\Box\Box\Box\Box)$ 

90 3077

 $\square \square \square \square \square \square (ADR)$  $\mathsf{EAC}\;\Box\,\Box$ : 2Z

□ □ □ □ (IMDG) : 274, 335, 966, 967, 969

 $\square\,\square\,\,\square\,\,\square(\text{IMDG})$ : 5 kg  $\square\,\square\,\square(\text{IMDG})$ : E1 □ □ □ □ (IMDG) : LP02, P002

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□ □ □ (IMDG)	: PP12
$IBC \square \square \square (IMDG)$	: IBC08
$IBC \square \square \square (IMDG)$	: B3
$\square$ $\square$ $\square$ (IMDG)	: BK1, BK2, BK3, T1
$\square$ $\square$ $\square$ $\square$ (IMDG)	: TP33
$\square$ $\square$ $\square$ (IMDG)	: A
	: SW23
MFAG- 🗆 🗆	: 151
$PCA \square \square \square \square (IATA)$	: E1
$PCA \square \square \square (IATA)$	: Y956
PCA □□ □□ □□ □(IATA)	: 30kgG
PCA □□ □□(IATA)	: 956
PCA □□ □□□(IATA)	: 400kg
CAO 🗆 🗆 🖂 (IATA)	: 956
CAO 🗆 🗆 🖂 (IATA)	: 400kg
	: A97, A158, A179, A197, A215
ERG □□(IATA)	: 9L
00 00 00	
$\square$	: M7
	: 274, 335, 375, 601
	: 5 kg
	: E1
	: T*B**
	: PP, A
00 00/000 00(ADN)	: 0
□□ □□/□□(ADN)	: * Only in the molten state. ** For carriage in bulk see also 7.1.4.1. *** Only in the case of transport in bulk.
00 00	
	: M7
	: 274, 335, 375, 601
	: 5kg
	: E1
	: P002, IBC08, LP02, R001
	: PP12, B3
	: MP10
	: T1, BK1, BK2, BK3
	: TP33
RID \( \begin{aligned} & \text{RID} \\ \text{O} \\ \te	: SGAV, LGBV
	: 3
	: W13
	: VC1, VC2
	: CW13, CW31
	: CE11
000 00 (RID)	: 90
14.7.	

#### 14.7. 000000(IMO)0000000000000

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# **00 15: 00 0000**

# 

EU □□

# **REACH** $\square$ $\square$ $\square$ **XVII** ( $\square$ $\square$ $\square$ )

EU restriction □□ (REACH Annex XVII)	
00 00	
28.	POTASSIUM CHROMATE EXTRA PURE
29.	POTASSIUM CHROMATE EXTRA PURE

**REACH**  $\square \square \square$  **XIV** ( $\square \square \square \square$ )

REACH  $\square$   $\square$  XIV ( $\square$   $\square$   $\square$ )  $\square$   $\square$ : Potassium chromate

REACH □□ □□ □□ (SVHC)

REACH  $\square$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$ : Potassium chromate

**PIC** □□ (□□□□□□)

PIC [ [ ] [ ] [ ] [ ] [ ] [ ] [ EU 649/2012)

Ozone Regulation (2024/590)

Not listed on the Ozone Depletion list (Regulation EU 2024/590)

 $\square$   $\square$   $\square$   $\square$   $\square$  (428/2009)

Not listed on the COUNCIL REGULATION (EC) of dual-use items.

□□ □□□□ □□ (2019/1148)

Not listed on the Explosives Precursors list (EU)

**□□□□□□□□(273/2004)** 

Not listed on the Drug Precursors list (EU)

RG 10	
RG 10 BIS	
KG 10 BIS	
RG 10 TER	

пπ

WGK

: WGK 3,  $\Box\Box$   $\Box\Box$   $\Box\Box$  (Classification according to AwSV; ID  $\Box\Box$  7931).

□□□□□□□ (ChemVerbotsV)

: This product is subject to ChemVerbotsV Annex 2 Entry 1. The following requirements must be observed: authorization requirement (according to § 6 paragraph 1 sentence 1), basic requirements for carrying out the delivery (according to § 8 paragraph 1, 3 and 4), identification and documentation (according to § 9 paragraph 1 to 3) and exclusion of the shipping route (according to § 10).

SZW-lijst van kankerverwekkende stoffen

: POTASSIUM CHROMATE  $\square(\square)$   $\square$   $\square$   $\square$   $\square$   $\square$   $\square$ 

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SZW-lijst van mutagene stoffen

 $SZW\mbox{-}lijst\ van\ reprotoxische\ stoffen-Borstvoeding}$   $SZW\mbox{-}lijst\ van\ reprotoxische\ stoffen-Vruchtbaarheid}$ 

SZW-lijst van reprotoxische stoffen – Ontwikkeling

: POTASSIUM CHROMATE  $\square(\square)$   $\square$   $\square$   $\square$   $\square$   $\square$ 

 $: \ \square\square\square\square\square\square\square\square\square\square\square\square\square.$ 

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: Act of 25 February 2011 on chemical substances and their mixtures (J. o L. No. 63, item 322 as amended; consolidated text J. o L. 2019, item 1225).

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)

# 15.2.

No chemical safety assessment has been carried out

# □□ **16:** □ □□ □□□□

00 0 0000:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	
BOD	Biochemical oxygen demand (BOD)
COD	
DMEL	Derived Minimal Effect level
DNEL	
ЕС 🗆 🗆	
EC50	Median effective concentration
EN	
IARC	International Agency for Research on Cancer

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00 0 0000:	
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	
PBT	Persistent Bioaccumulative Toxic
PNEC	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
COV	Volatile Organic Compounds
CAS 🗆 🗆	0000 00 00 00(CAS)
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	

OHO O EUHO OO:	
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1	0000 000 - 00, 00 1
□□□ 1B	000 (00), 00 1B
0000 0000 1B	0000 0000, 00 1B
3	00000 00 - 10 00, 00 3, 0000 00
00 000 1	00 000, 00 1
2	00 000/00 000, 00 2
H315	
H317	
H319	
H335	
H340	
H350i	
H410	000 000 00 000000 00 000.

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