SODIUM HYDROXIDE PELLETS AR

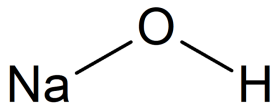
□□□□□□□□

□□ (EU) 2020/878□ □□ □□□ REACH □□ (EC) 1907/2006□ □□
SDS Reference Number: 05900
□□ □□□□: 4/9/2015 □□ □□□□: 7/2/2026 □□ □□: 9/24/2021 □□: 1.1

□□ 1: □□□□□ □□□ □□ □□

1.1. □□□□

□□ □□	:	□□
□□□	:	SODIUM HYDROXIDE PELLETS AR
EC □□ □□	:	011-002-00-6
EC □□	:	215-185-5
CAS □□	:	1310-73-2
□□ □□	:	05900
□□ □□	:	Inorganic compound
□□□	:	NaOH
□□ □□	:	



□□□	:	Caustic Soda

1.2. □□□□ □□ □□□□ □□ □□ □□ □□

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□□/□□□ □□ □□	:	For professional use only Industrial
□□□□/□□□□ □□	:	Laboratory chemicals, Manufacture of substances

1.3. □□□□□□□□ □□□ □□

LOBA CHEMIE PVT.LTD.
107 Wode House Road, Jehangir Villa, Colaba
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1.4. □□□□□□

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

□□ 2: □□□·□□□

2.1. □□□·□□□ □□

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

□□ □□□, □□ 1	H290
□□ □□□/□□ □□□, □□ 1, □□□□ 1A	H314

H-□□ □ EUH-□□ □□: □□ 16 □□

□□□□□, □□ □□ □ □□□□□□□□

□□□ □□ □□□ □□ □□□ □□□.

2.2. □□□□□□□ □□□ □□□□ □□

□□ (EC) No. 1272/2008□ □□ □□ □□[CLP]

□□ □□ □□□□(CLP) :

GHS05

□□□ (CLP) : □□

□□·□□ □□ (CLP) : H290 - □□□ □□□□ □ □□.
H314 - □□□ □□ □□□ □ □□□ □□□.

□□ □□ □□(CLP) : P234 - □□□ □□□□ □□□□□.
P280 - □□□, □□□, □□□□□ □(□) □□□□□.
P303+P361+P353 - □□(□□ □□□□)□ □□□ □□□ □□ □□□ □□ □□□□. □□□ □□ □□□□ .
P305+P351+P338 - □□ □□□□: □ □□ □□ □□□□ □□□□. □□□□ □□□ □□□ □□□□□. □□ □ □□□.

2.3. □□ □□

□□ □□

□□ 3: □□□□□ □□ □ □□□

3.1. □□□□

□□ □□ : □□□□□□

□□	□□□□	%
SODIUM HYDROXIDE PELLETS	CAS □□: 1310-73-2 EC □□: 215-185-5 EC □□ □□: 011-002-00-6	100

□□ 4: □□□□□□

4.1. □□□□ □□

□□ □□ □□ : Call a physician immediately.

□□□□ □ : □□□ □□□ □□ □□□ □□□ □□□□ □□ □□□ □□□ □□□□. □□□ □□□ □□ □□□ □□□ □□□ □ □□ □□□ □□□ □□□□. □□ □□□□/□□□ □□□ □□□□.

□□□ □□□□ □ : □□□ □□ □□□ □□ □□□□. □□□ □□ □□□□[□□ □□□□□]. □□ □□□□/□□□ □□□ □□□□. Call a physician immediately.

□□ □□□□ □ : □ □□ □□ □□□□ □□□□. □□□□ □□□□□□ □□□□□. □□ □□□□. □□ □□□□/□□□ □□□ □□□□. Call a physician immediately.

□□□ □ : □□ □□□□□. □□□ □□ □□□. □□ □□□□/□□□ □□□ □□□□. Do not induce vomiting. Call a physician immediately.

4.2. □□ □ □□□ □□ □□□ □□ □ □□

□□/□□ : □□□ □□ □□□ □□ □□□ □□□.

□□ □□ □ □□/□□ : Burns.

□ □□ □ □□/□□ : Serious damage to eyes.

□□ □ □□/□□ : Burns.

4.3. □□□□ □□ □ □□ □□ □□ □□ □□

Treat symptomatically.

□□ 5: □□·□□□ □□□□

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. □□□□ □□□□ □ □□□□

□□ □□ □ □□ : Do not attempt to take action without suitable protective equipment. □□□ □□□□□. Complete protective clothing.

□□ 6: □□□□□ □□□□

6.1. □□□ □□□□ □□ □□□ □□□□ □ □□□

□□□ □□ □□

□□ □□ : Ventilate spillage area. Evacuate unnecessary personnel. □□ □ □□□ □□□ □□□□. □□, □, □□, □ □□, □□□□, □□ □(□) □□□□ □□□.

□□ □□ □□

□□ □□ : Do not attempt to take action without suitable protective equipment. □□□ □□ □□□□ □□□□□. □ □ □□□ □□□ □□ 8: "□□□□ □ □□□□□"□ □□□□□.

□□ □□ : Stop release.

6.2. □□□ □□□□ □□ □□□ □□□□

□□□□ □□□□ □□□.

6.3. □□ □□ □□ □□

□□ □□ : Mechanically recover the product. Clean up immediately by sweeping or vacuum.

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

6.4. □□ □□ □□

For further information refer to section 13.

□□ 7: □□ □ □□□□

7.1. □□□□□□

□□□□□□ : Ensure good ventilation of the work station. □□, □, □□, □□□, □□□□, □□ □(□) □□□□ □□□. □□·□□ □□□□ □□□□ □□□. □□ □ □□□ □□□ □□□□. □□ □□□□ □□□□□.

□□ □□ : □□ □□□ hands, forearms and face □(□) □□□ □□□□. □□ □□ □ □□□ □□□ □□□□□. □ □□ □ □□□ □□□ □□□, □□□□ □□□□ □□□. Always wash hands after handling the product.

7.2. □□□□ □□□ □□□ □□□ □□ □□

□□□ □□ : Comply with applicable regulations.

□□ □□ : Store in original container. □□□ □□□ □□□□□. □□□ □□□□□. □□□□□ □□ □□□□□. □□□ □ □□ □□ □□□□□. □□□□ □□□□□.

□□ □□ : 15 – 25 °C

7.3. □□ □□ □□

□□ □□

□□ 8: □□□□ □ □□□□□

8.1. □□ □□ □□

□□ □□

8.2. □□□□

□□□ □□□ □□

□□□ □□□ □□:

Ensure good ventilation of the work station.

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□ □ □□ □□□

□ □□:

Safety glasses

Skin protection

□□ □□:

Wear a mask

□ □□:

Wear protective gloves

□□ □□ □□

□□□□ □□:

Wear protective clothing

□□□ □□

□□□ □□:

Wear appropriate mask

□□ □□ □□

□□ □□ □□:

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□□ 9: □□□□□ □□

9.1. □□□□ □□□□□ □□□ □□ □□

□□□ □□	:	□□
□□	:	White.
□□	:	Pellets.
□□□	:	40 g/mol
□□	:	Odourless.
□□ □□	:	□□□□
□□□	:	318 °C
□□□	:	□□□□
□□ □□□□ □□□ □□	:	1390 °C at 760 mmHg
□□□	:	□□□
□□ □□□	:	□□□□
□□ □□□	:	□□□□
□□□	:	Not applicable
□□□□ □□	:	□□□□
□□ □□	:	□□□□
pH	:	13 – 14

pH □□□ □□	:	5 %
□□(□□□)	:	□□□□
□□□	:	□: 111 g/100ml - Soluble
Partition coefficient n-octanol/water (Log Kow)	:	□□□□
□□□	:	1 mbar at 700 °C
50°C□□□ □□□	:	□□□□
□□	:	2.13 g/cm³ at 20°C
□□	:	□□□□
20°C□□□ □□ □□ □□	:	1.38 (Air = 1.0)
Particle size	:	□□□□

9.2. □ □□ □□□□

□□ □□

□□ 10: □□□ □ □□□

10.1. □□□

Thermal decomposition generates : Corrosive vapours.

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. □□□ □□□□ □□□□

Thermal decomposition generates : Corrosive vapours.

□□ 11: □□□ □□ □□

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

□□ □□ (□□)	:	□□□□ □□
□□ □□ (□□)	:	□□□□ □□
□□ □□ (□□)	:	□□□□ □□
□□ □□□ □□ □□□	:	Causes severe skin burns. pH: 13 – 14
□□ □ □□ □□ □□□	:	Assumed to cause serious eye damage pH: 13 – 14
□□□ □□ □□ □□□	:	□□□□ □□
□□□□ □□□□	:	□□□□ □□
□□□	:	□□□□ □□
□□□□	:	□□□□ □□
□□ □□□□ □□ (1□ □□)	:	□□□□ □□
□□ □□□□ □□ (□□ □□)	:	□□□□ □□
□□ □□□	:	□□□□ □□

SODIUM HYDROXIDE PELLETS AR (1310-73-2)	
□□(□□□)	□□□□

11.2. □□ □□ □□

□□ □□

□□ 12: □□□ □□□ □□

12.1. □□

□□□ - □□ : Before neutralisation, the product may represent a danger to aquatic organisms.

□□ □□□□ □□□ : □□□□ □□

□□ □□□□ □□□ : □□□□ □□

12.2. □□□ □ □□□

SODIUM HYDROXIDE PELLETS AR (1310-73-2)	
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12.3. □□ □□□

□□ □□

12.4. □□ □□□

□□ □□

12.5. PBT □ vPvB □□ □□

□□ □□

12.6. □□□ □□ □□

□□ □□

12.7. □□ □□ □□

□□ □□

□□ 13: □□□ □□□□

13.1. □□□ □□□

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

□□/□□ □□ □□□□ : □□ □□ □□□ □□□□ □□ □□□. (□□□ □ □□□ □□□□, □ □□□ □□□ □□□□ □□ □□) □ □□ □□ □□□ □□□□□.

□□ 14: □□□ □□□ □□

ADR / IMDG / IATA / ADN / RID□ □□

14.1. UN □□ □□ ID □□

UN-□□ (ADR) : UN 1823

UN-□□ (IMDG) : UN 1823

UN-□□ (IATA) : UN 1823

UN-□□ (ADN) : UN 1823

UN-□□ (RID) : UN 1823

14.2. UN □□ □□□

□□ □□□ (ADR) : □□□ □□, □□

□□ □□□ (IMDG) : SODIUM HYDROXIDE, SOLID

□□ □□□ (IATA) : Sodium hydroxide, solid

□□ □□□ (ADN) : □□□ □□, □□

□□ □□□ (RID) : □□□ □□, □□

□□ □□ □□ (ADR) (ADR)	:	UN 1823 □□□ □□, □□, 8, II, (E)
Transport document description (IMDG)	:	UN 1823 SODIUM HYDROXIDE, SOLID, 8, II
Transport document description (IATA)	:	UN 1823 Sodium hydroxide, solid, 8, II
Transport document description (ADN)	:	UN 1823 □□□ □□, □□, 8, II
Transport document description (RID)	:	UN 1823 □□□ □□, □□, 8, II

14.3. □□□□□ □□□ □□

ADR

□□□□□ □□□ □□ (ADR)	:	8
□□ □□ (ADR)	:	8
	:	

IMDG

□□□□□ □□□ □□ (IMDG)	:	8
□□ □□ (IMDG)	:	8
	:	

IATA

□□□□□ □□□ □□ (IATA)	:	8
□□ □□ (IATA)	:	8
	:	

ADN

□□□□□ □□□ □□ (ADN)	:	8
□□ □□ (ADN)	:	8
	:	

RID

□□□□□ □□□ □□ (RID)	:	8
□□ □□ (RID)	:	8
	:	

14.4. □□□□

□□ □□ (ADR)	:	II
□□ □□(IMDG)	:	II
□□ □□ (IATA)	:	II
□□ □□(ADN)	:	II
□□ □□(RID)	:	II

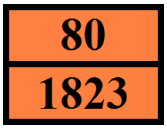
14.5. □□ □□□

□□□ □□	:	□□□
□□□□□□	:	□□□
EmS-No. (□□)	:	F-A

EmS-No. (□□)	:	S-B
□ □□ □□□□	:	□□ □□ □□ □□

14.6. □□□□ □□ □□ □□□□

□□ □□

□□ □□ (ADR)	:	C6
□□□(ADR)	:	1kg
□□□(ADR)	:	E2
□□ □□(ADR)	:	P002, IBC08
□□ □□ (ADR)	:	B4
□□ □□ □□ □□ □□(ADR)	:	MP10
□□□ □□ □ □□ □□□□ □□ (ADR)	:	T3
□□□ □□ □ □□ □□□□ □□ □□ (ADR)	:	TP33
□□ □□(ADR)	:	SGAN
□□ □□□ □□	:	AT
□□ □□(ADR)	:	2
□□ □□ □□ □□ - □□(ADR)	:	V11
□□ □□ □□(Kemler □□)	:	80
Orange plates (□□□□□□)	:	
□□ □□ □□ (ADR)	:	E
EAC □□	:	2W

□□ □□

□□ □□(IMDG)	:	1 kg
□□□(IMDG)	:	E2
□□ □□ (IMDG)	:	P002
IBC □□ □□(IMDG)	:	IBC08
IBC □□ □□ (IMDG)	:	B21, B4
□□ □□ (IMDG)	:	T3
□□ □□ □□ (IMDG)	:	TP33
□□ □□ (IMDG)	:	A
□□(IMDG)	:	SGG18, SG35
□□□ □□□□ (IMDG)	:	White pellets, flakes, lumps or solid blocks, deliquescent. Reacts with ammonium salts, evolving ammonia gas. In the presence of moisture, corrosive to aluminium, zinc and tin. Causes burns to skin, eyes and mucous membranes. Reacts violently with acids.
MFAG-□□	:	154

□□ □□

PCA □□ □□(IATA)	:	E2
PCA □□ □□(IATA)	:	Y844
PCA □□ □□ □□ □□□(IATA)	:	5kg
PCA □□ □□(IATA)	:	859
PCA □□ □□□(IATA)	:	15kg
CAO □□ □□(IATA)	:	863
CAO □□ □□□(IATA)	:	50kg
ERG □□(IATA)	:	8L

□□ □□ □□

□□ □□(ADN)	:	C6
□□□(ADN)	:	1 kg
□□□(ADN)	:	E2
□□ □□(ADN)	:	PP, EP
□□ □□/□□□ □□(ADN)	:	0

□□ □□

□□ □□(RID)	:	C6
□□ □□(RID)	:	1kg
□□□(RID)	:	E2
□□ □□ (RID)	:	P002, IBC08

□□ □□ (RID)	:	B4
□□ □□ □□ □□ □□(RID)	:	MP10
□□□ □□ □ □□ □□□□ □□ (RID)	:	T3
□□□ □□ □ □□ □□□□ □□ □□ (RID)	:	TP33
RID □□□ □□ □□(RID)	:	SGAN
□□ □□(RID)	:	2
□□ □□ □□ □□ - □□(RID)	:	W11
□□ □□□	:	CE10
□□□ □□ □□ (RID)	:	80

14.7. □□□□□□(IMO)□ □□ □□ □□ □□

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□□ 15: □□ □□□□

15.1. □□, □□ □ □□□ □□□□ □□□□ □□ □□□□ □□ □□ □□/□□

EU □□

REACH □□□ XVII (□□ □□)

REACH □□□ XVII□ □□□□ □□

REACH □□□ XIV (□□ □□)

REACH □□□ XIV (□□ □□)□ □□□□ □□

REACH □□ □□ □□ (SVHC)

REACH □□ □□ □□□ □□□□ □□

PIC □□ (□□□□□□)

PIC □□□ □□□□ □□ (□□ EU 649/2012)

POP □□ (□□□ □□ □□□□)

POP □□□ □□□□ □□ (□□ EU 2019/1021)

Ozone Regulation (2024/590)

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

□□□□ □□(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)

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WGK	:	WGK 1, □□ □□ □□ □□ (Classification according to AwSV; ID □□ 142).

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SZW-lijst van kankerverwekkende stoffen	:	□□□ □□□□ □□□□□.
SZW-lijst van mutagene stoffen	:	□□□ □□□□ □□□□□.
SZW-lijst van reprotoxische stoffen – Borstvoeding	:	□□□ □□□□ □□□□□.
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid	:	□□□ □□□□ □□□□□.
SZW-lijst van reprotoxische stoffen – Ontwikkeling	:	□□□ □□□□ □□□□□.

□□□

□□□ □□ □□ : 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)
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)

15.2. □□ □□ □□□ □□

No chemical safety assessment has been carried out

□□ 16: □ □□ □□□□

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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	□□ □□□ □□
EC □□	□□ □□□ □□
EC50	Median effective concentration
EN	□□ □□
IARC	International Agency for Research on Cancer
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 □□	□□□□ □□ □□ □□(CAS)
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	□□□ □□□□

H-□□ □ EUH-□□ □□:	
□□ □□□ 1	□□ □□□, □□ 1
□□ □□□ 1A	□□ □□□/□□ □□□, □□ 1, □□□□ 1A
H290	□□□ □□□□ □ □□.
H314	□□□ □□ □□□ □ □□□ □□□.

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