

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

SDS Reference Number: 01490

□□□□□: 4/9/2014 □□□□□: 3/10/2025 □□□□: 4/26/2016 □□: 1.0

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1.1.

 $\Box\Box$: D(-)-ARABINOSE AR

EC | : 233-708-5 CAS | : 10323-20-3 | : 01490 | : Carbohydrate | : C5H10O5

но он он

□□□ : Aldehydo-D-arabinose, arabino-Pentose, Pectinose

1.2.

Laboratory chemicals, Manufacture of substances

1.3.

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1.4.

□□ **2:** □□□·□□□

2.1.

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

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To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2.

□□ (EC) No. 1272/2008□ □□ □□ □□ [CLP]

00 00 00

2.3.

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

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: 000000

	0000	%
D(-)-ARABINOSE	CAS 🗆 : 10323-20-3 EC 🗆 : 233-708-5	100

30**4:** 00000

4.1.

: If you feel unwell, seek medical advice.

□□□□□□□□□□. Wash skin with plenty of water.

Rinse immediately with plenty of water. $\square\square\square\square\square\square\square\square\square\square\square\square$.

: 00 0000.0000 000 0000(00)0 000 0000.

: 0000 0000 000 00 00 000 0000 000. First-aid measures for first aider

4.2. □ □ □ □ □ □ □ □ □ □ □ □ □

: None under normal conditions. Dust of the product, if present, may cause respiratory irritation after

excessive inhalation exposure.

00 00 0 00/00 : None under normal conditions. Dust may cause irritation in skin folds or by contact in combination

with tight clothing.

: None under normal conditions. Dust from this product may cause eye irritation.

00 0 00/00 : None under normal conditions.

4.3.

Treat symptomatically.

5.1.

: Carbon dioxide. Dry powder. Foam. Water spray.

: Do not use a heavy water stream.

5.2.

: No fire hazard.

: No direct explosion hazard. : Toxic fumes may be released.

5.3.

: Fight fire from safe distance and protected location. Do not enter fire area without proper protective

equipment, including respiratory protection.

: Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. $\Box\Box\Box\Box\Box\Box\Box\Box$. Complete protective

clothing.

6.1.

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: Wear recommended personal protective equipment.
 : Ventilate spillage area. Evacuate unnecessary personnel.

□□□□□ : Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper

□ □ □ : Evacuate unnecessary personnel.

6.2.

6.3.

: Using a clean shovel, put the material in a dry container and cover without compressing it.

: Mechanically recover the product. Soak up spills with inert solids, such as clay or diatomaceous earth

as soon as possible. On land, sweep or shovel into suitable containers.

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

6.4.

For further information refer to section 13.

nn **7:** nn n nnnn

7.1.

10 0 00000 00 00

not breathe vapours.

after handling the product.

□□□□□ : Keep in a cool, well-ventilated place away from heat.

□□ : Store always product in container of same material as original container.

7.3.

8.1.

8.2. \Box

000 000 00:

Ensure good ventilation of the work station.

00 000

00 000:

Wear recommended personal protective equipment.

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00 00 00 00:







 \Box \Box :

Chemical goggles or safety glasses

Skin protection

Wear a mask

Protective gloves

□□□ □□**:**

Wear appropriate mask

00 00 00:

__ **9:** _____

9.1.

□□□ : □: Soluble in water

 Partition coefficient n-octanol/water (Log Kow)
 : 000

 50°C
 : 000

□ □ : 1.58 g/cm³ at 20 °C

9.2.

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

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D(-)-ARABINOSE AR (10323-20-3)

D(-)-ARABINOSE (10323-20-3)

11.2.

__ **12:** ___ __ __

12.1. □ □

: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

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12.2.

D(-)-ARABINOSE AR (10323-20-3)	
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D(-)-ARABINOSE (10323-20-3)	
	00 00 00

12.3.

12.4.

12.5. PBT □ **vPvB** □ □ □ □

12.6.

12.7.

00 13: 000 0000

13.1.

□□□□□□□ : Disposal must be done according to official regulations.

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

 $\Box\,\Box\,\Box$: Disposal must be done according to official regulations.

official regulations.

__ **14:** ___ __ __ __

ADR / IMDG / IATA / ADN / RID \square \square

14.1. UN 🗆 🗆 🗆 ID 🗆

00 0000 0000

14.2. UN □□ □□□

 □ □ □ □ (ADR)
 : Not regulated

 □ □ □ (IMDG)
 : Not regulated

 □ □ □ (IATA)
 : Not regulated

 □ □ □ (ADN)
 : Not regulated

 □ □ □ (RID)
 : Not regulated

14.3.

ADR

: Not regulated

IMDG

: Not regulated

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IATA

: Not regulated

ADN

: Not regulated

RID

: Not regulated

14.4.

□□□(ADR)
: Not regulated

□□□(IMDG)
: Not regulated

□□□(ATA)
: Not regulated

□□□(ADN)
: Not regulated

□□□(RID)
: Not regulated

14.5.

14.6.

Not regulated

Not regulated

Not regulated

Not regulated

Not regulated

__ **15:** __ ____

EU □□

REACH \square \square XVII (\square \square \square)

REACH \square \square \square XIV (\square \square \square)

REACH \square \square \square \square \square (SVHC)

PIC □□ (□□□□□□)

Ozone Regulation (2024/590)

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

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□□□□□□(428/2009)

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

□□□□□□□□(2019/1148)

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□□□□□□□□(273/2004)

VOC ordinance (ChemVOCFarbV)

WGK : WGK 3, □□□□□ (Classification according to AwSV).

: 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

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ACGIH	American Conference of Government Industrial Hygienists
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

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ATE	Acute Toxicity Estimate	
BCF	Bioconcentration factor	
BLV	00 00 0	
BOD	Biochemical oxygen demand (BOD)	
CAS 🗆 🗆	0000 00 00 (CAS)	
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008	
COD		
CSA	00 00 000 00	
DMEL	Derived Minimal Effect level	
DNEL	00 000 00	
ЕС 🗆 🗆	00 000 00	
EC50	Median effective concentration	
ED		
EN	00 00	
EWC	European waste catalogue	
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	
Log Kow	Partition coefficient n-octanol/water (Log Kow)	
Log Pow	Partition coefficient n-octanol/water (Log Pow)	
MAK	maximum workplace concentration	
NOAEC	No-Observed Adverse Effect Concentration	
NOAEL	No-Observed Adverse Effect Level	
NOEC	No-Observed Effect Concentration	
N.O.S.	Not Otherwise Specified	
OECD	Organisation for Economic Co-operation and Development	
OEL		
OSHA	Occupational Safety & Health Administration	
PBT	Persistent Bioaccumulative Toxic	
PNEC		
PPE		
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS		
STP	Sewage treatment plant	
TF		
ThOD	Theoretical oxygen demand (ThOD)	

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TLM	Median Tolerance Limit
TWA	Time Weighted Average
COV	Volatile Organic Compounds
vPvB	Very Persistent and Very Bioaccumulative
UFI	00 00 000

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