

Section 1: Product and company information

Product identifier

Product code	ABU-MLI-ML
Product name	DNAbsolute
Substance name	N/A
Reach No.	A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline

Relevant identified uses of the substances or mixture and uses advised against

Relevant Identified uses

Main use category	Laboratory use
Professional use spec	R&D use only
Identified used	Laboratory chemicals

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Details of the supplier of the safety data sheet

Company	Idylle 68 boulevard de Port-Royal 75005 Paris France
Technical phone	+33184172227
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Emergency phone number

France	112
Other countries	ORFILA (INRS) : + 33 (0)1 45 42 59 59

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Acute toxicity, Oral (Category 4), H302

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008

Pictogram

Signal word



Warning

Hazard statement(s)

H302 - Harmful if swallowed.
 H315 - Causes skin irritation
 H319 - Causes serious eye irritation
 H335 - May cause respiratory irritation

Precautionary statement(s)

P261 - Avoid breathing dust/fumes/gas/mist/vapours/spray.

Supplemental Hazard Statements

none

Section 3: Composition Information on ingredients

Substances

Formula : C13H22BrN
 Molecular weight : 272.22 g/mol
 CAS-No. : 2534-66-9
 EC-No. : 219-797-3

Name:	CAS #	% by Weight
N-octylpyridinium bromide	2534-66-9	100%

For the full text of the H-Statements mentioned in this Section, see Section 16.

Section 4: First aids measures

Description of first-aid measures

Eye Contact:

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

Skin Contact:

In case of contact, immediately wash skin with soap and copious amounts of water.

Serious Skin Contact:

In case of contact, immediately wash skin with soap and copious amounts of water. Seek medical attention immediately.

Serious Inhalation:

Not available

Inhalation:

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Ingestion:

If swallowed, wash out mouth with water provided person is conscious. Call a physician. Wash contaminated clothing before reuse.

Serious Ingestion:

Not available

Section 5: Firefighting measures

Flammability of the Product:

Not available

Flash Point:

Not available

Flammable Limit:

Not available

Products of Combustion:

Not available

Fire Hazards in Presence of Various Substances:

Not available

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact:

Not available

Risks of explosion of the product in presence of static discharge:

Not available

Fire Fighting Media and Instructions:

N/A

Section 6: Accidental release measures

Small Spill:

Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Large Spill:

Stop leak if without risk. Do not get water inside container. Do not touch spilled material. Use water spray to reduce vapors.

Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Reference to other sections

For disposal see section 13.

Section 7: Handling and storage

Precautions for safe handling

Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Recommended storage temperature 2 - 8 °C

Moisture sensitive.

Section 8: Exposure controls/personal protection

Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Exposure control

Not Available

Personal Protection in Case of a Large Spill

Splash goggles. Full suit. Vapor and dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance form	White to yellow powder or crystals
Odor	No data available
Odor threshold	No data available
Ph	No data available
Melting point/freezing point	No data available
Melting point/freezing point	No data available
Flash point	No data available
Initial boiling point and range	No data available

Evaporation rate	No data available
Flammability (solid/gas)	No data available
Upper/lower flammability or explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Water solubility	No data available
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

Section 10: Stability and reactivity

Reactivity	No data available
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No data available Excess heat, incompatible materials, moisture. May decompose on contact with moist air or water
Conditions to avoid	moist air or water
Incompatible materials	No data available
Special Remarks on Reactivity	No data available
Special Remarks on Corrosivity	No data available
Polymerization	No data available

Section 11: Toxicological information

Information on toxicological effect

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Main routes of exposure

Routes of Entry:	Unknown
Toxicity to Animals:	No available Data
Chronic effects on Humans:	No available Data
Other Toxic Effects on Humans:	No available Data
Special Remarks on Toxicity to Animals:	No available Data
Special Remarks on Chronic Effects on Humans:	No available Data
Special Remarks on other Toxic Effects on Humans:	No available Data

Section 12: Ecological information

Ecotoxicity	No data available
BOD5 and COD:	No data available
Products of Biodegradation	Unknown
Toxicity of the Products of Biodegradation;	No data available
Other adverse effects	Avoid release to environment
Additional information	None

Section 13: Disposal consideration

Waste treatment methods

Product

Waste must be disposed of in accordance with federal, state and local environmental control regulations

Contaminated packaging

Dispose of as unused product.

Section 14: Transport Information

ADR / RID / IMDG / IATA / ADN	N/A
UN number	N/A
UN proper shipping name	N/A
Transport hazard class	N/A
Packaging group	N/A
Environmental hazards	N/A
Special precautions for use	N/A
Transport in bulk according to Annex II of Marpol and IBC CODE	N/A

Section 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Chemical safety assessment

For this product a chemical safety assessment was not carried out

Section 16: Other Information

Full text of H-Statements referred to under sections 2 and 3.

H302 Harmful if swallowed.

H315 - Causes skin irritation

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H335 - May cause respiratory irritation

Classification and procedure used to establish classification of mixtures according to regulation (EC) 1272/2008 [CLP]:

The foregoing information was gathered by diligent research and / or control and the recommendations are based on prudent application of professional judgment. This information should not be considered as exhaustive and should only be used as an indication. All products and mixtures can present unknown hazards and should be used with caution. Since the Company cannot the methods, volumes or actual conditions of use, the Company will not be held liable for any damage or loss resulting from the handling of the product described herein or from contact therewith. THE INFORMATION IN THIS MATERIAL SAFETY DATA SHEET DO NOT CONSTITUTE A WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE