

# Material Safety Data Sheet (MSDS)

Prepared according to Regulation EC No. 1907/2006

Revision date: 07.01.2019

Print date: 07.01.2019

## 1. PRODUCT AND COMPANY INFORMATION

Product name: **GeneJect™**

Product number: 4100-01, 4100-05, 4100-15

Brand: A&A Biotechnology

Company: A&A Biotechnology

Al. Zwycięstwa 96/98

81-451 Gdynia

tel: +48 58 698 21 95

e-mail. info@aabiotech.com

Emergency Phone : 112

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 substance or mixture and uses advised against:**

Laboratory chemicals, Manufacture of substances

## 2. HAZARDS IDENTIFICATION

### **Classification of the substance or mixture:**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

### **Label elements:**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

No components need to be disclosed according to the applicable regulations.

## 4. FIRST AID MEASURES

**If inhaled:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact:** Wash off with soap and plenty of water. Consult a physician

**In case of eye contact:** Flush eyes with water as a precaution. Consult a physician

**If swallowed:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician

## 5. FIREFIGHTING MEASURES

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

**Special hazards arising from the substance or mixture:** Carbon oxides, Sulphur oxides

**Advice for firefighters:** Wear self contained breathing apparatus for fire fighting if necessary.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** Avoid breathing vapours, mist or gas.

**Environmental precautions:** Do not let product enter drains.

**Methods and materials for containment and cleaning up:** Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

**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: +4 °C

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Personal protective equipment

**Respiratory protection:** Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Skin protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

**Eye/face protection:** Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Body Protection:** Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Appropriate engineering controls:** General industrial hygiene practice..

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Form: liquid
<b>Odour:</b>	no data available
<b>no data available</b>	no data available
<b>pH</b>	no data available
<b>Melting point/freezing point</b>	no data available
<b>Initial boiling point and boiling range</b>	no data available
<b>Flash point</b>	no data available
<b>Evaporation rate</b>	no data available
<b>Flammability (solid, gas)</b>	no data available
<b>Upper/lower flammability or explosive limits</b>	no data available
<b>Vapour pressure</b>	no data available
<b>Vapour density</b>	no data available
<b>Relative density</b>	no data available
<b>Water solubility</b>	no data available
<b>Decomposition temperature</b>	no data available
<b>Viscosity</b>	no data available
<b>Oxidizing properties</b>	no data available

## 10. STABILITY AND REACTIVITY

**Reactivity:** no data available

**Chemical stability:** stable under recommended storage conditions

**Possibility of hazardous reactions:** no data available

**Conditions to avoid:** no data available

**Incompatible materials:** strong acids

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

<b>Acute toxicity:</b>	no data available
<b>Skin corrosion/irritation:</b>	no data available
<b>Serious eye damage/eye irritation:</b>	no data available
<b>Respiratory or skin sensitization:</b>	no data available
<b>Germ cell mutagenicity:</b>	no data available
<b>Carcinogenicity:</b>	
IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
<b>Reproductive toxicity:</b>	no data available
<b>Specific target organ toxicity - single exposure:</b>	no data available
<b>Specific target organ toxicity - repeated exposure:</b>	no data available
<b>Aspiration hazard:</b>	no data available

## 12. ECOLOGICAL INFORMATION

<b>Toxicity:</b>	no data available
<b>Persistence and degradability:</b>	no data available
<b>Bioaccumulative potential:</b>	no data available
<b>Mobility in soil:</b>	no data available
<b>Results of PBT and vPvB assessment:</b>	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher
<b>Other adverse effects:</b>	no data available

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

**Product:** Offer surplus and non-recyclable solutions to a licensed disposal company

**Contaminated packaging:** Dispose of as unused product

## 14. TRANSPORT INFORMATION

**UN number:**

ADR/RID: -	IMDG: -	IATA: -
------------	---------	---------

**UN proper shipping name:**

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

**Transport hazard class(es):**

ADR/RID: -	IMDG: -	IATA: -
------------	---------	---------

**Packaging group:**

ADR/RID: -	IMDG: -	IATA: -
------------	---------	---------

**Environmental hazards:**

ADR/RID: no	IMDG: Marine pollutant:no	IATA: no
-------------	---------------------------	----------

**Special precautions for user:** no data available

**15. REGULATORY INFORMATION**

This safety datasheet complies with the requirements of Regulation (EC) No. 1272/2008

**16. OTHER INFORMATION**

**Further information:**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. A&A Biotechnology, shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

**DISCLAIMER: For R&D use only. Not for drug, household or other uses.**