



SECTION 1. IDENTIFICATION

Product name :	PCR-reagent for detection of ASFV (African Swine Fever Virus)
Manufacturer or supplier's details	Company : JSC "YZZY biotech" A.Vivulskio str. 7, Vilnius, LT- 03220 Telephone : +37069506340
E-mail address Responsible/issuing person :	info@yzzy.eu
Recommended use of the chemical and restrictions on use Recommended use :	Emergency telephone : +370 5 236 20 52 or +370 687 53378 Laboratory chemicals

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification	Not a hazardous substance or mixture.
GHS Label element	Not a hazardous substance or mixture.
Other hazards	None known.





SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture :	Mixture
Substance name :	PCR-reagent
Hazardous ingredients	No hazardous ingredients

SECTION 4. FIRST AID MEASURES

General advice :	Show this material safety data sheet to the doctor in attendance.
If inhaled :	Move to fresh air. If symptoms persist, call a physician.
In case of skin contact :	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician.
In case of eye contact :	Remove contact lenses. Protect unharmed eye. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed :	If accidentally swallowed obtain immediate medical attention. Rinse mouth with water. Never give anything by mouth to an unconscious person.
Most important symptoms and effects, both acute and delayed :	No information available.
Notes to physician :	No information available.





SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media :	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific hazards during fire fighting :	Exposure to decomposition products may be a hazard to health.
Hazardous combustion products :	No hazardous combustion products are known
Specific extinguishing methods :	In the event of fire and/or explosion do not breathe fumes.
Special protective equipment for fire-fighters :	Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures :	Use personal protective equipment. Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
Methods and materials for containment and cleaning up :	Keep in suitable, closed containers for disposal.





SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion :

Normal measures for preventive fire protection.

Advice on safe handling :

For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.

Materials to avoid :

Do not store near acids.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

Personal protective equipment

Hand protection

Remarks :

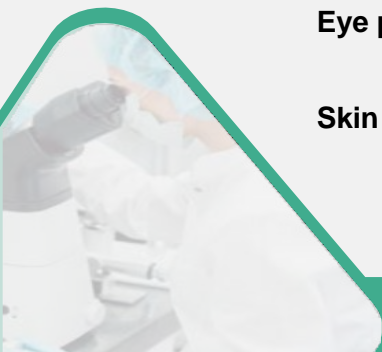
The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Eye protection :

Safety glasses

Skin and body protection :

Choose body protection according to the amount and concentration of the dangerous





substance at the work place. Footwear protecting against chemicals

Hygiene measures :

Keep away from food and drink. When using do not eat, drink or smoke.producer to the other. Take note of the information

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance :	Liquid
Color :	No data available
Odor :	Characteristic
Odor Threshold :	No data available
pH :	9
Melting point/range :	No data available
Boiling point/boiling range :	No data available
Flash point :	Not applicable
Evaporation rate :	No data available
Burning rate :	No data available
Upper explosion limit :	No data available
Lower explosion limit :	No data available
Vapor pressure :	No data available
Relative vapor density :	No data available
Relative density :	No data available
Density :	1 g/cm ³
Solubility(ies) Water solubility :	soluble
Solubility in other solvents	No data available
Partition coefficient: noctanol/water :	No data available
Autoignition temperature :	not determined
Decomposition temperature :	No data available
Viscosity Viscosity, dynamic :	No data available
Viscosity, kinematic :	No data available
Explosive properties :	No data available
Oxidizing properties :	No data available





SECTION 10. STABILITY AND REACTIVITY

Reactivity :	No decomposition if stored and applied as directed. No decomposition if stored and applied as directed.
Chemical stability :	No decomposition if stored and applied as directed. No decomposition if stored and applied as directed.
Possibility of hazardous reactions :	Stable under recommended storage conditions. Hazardous decomposition products formed under fire conditions.
Conditions to avoid :	No data available
Incompatible materials :	No data available
Hazardous decomposition products :	No decomposition if stored and applied as directed. No decomposition if stored and applied as directed.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity	Not classified based on available information.
Product:	No data available
Acute oral toxicity :	No data available
Acute inhalation toxicity :	No data available
Acute dermal toxicity :	No data available





Skin corrosion/irritation

Product:

Remarks:

Not classified based on available information.

May cause skin irritation in susceptible persons.

Serious eye damage/eye irritation

Product:

Remarks:

Not classified based on available information.

May irritate eyes.

Respiratory or skin sensitization

Skin sensitization:

Respiratory sensitization:

Not classified based on available information.

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

IARC

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

Not classified based on available information.





Aspiration toxicity	Not classified based on available information.
Further information	No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish :	No data available
Toxicity to algae :	No data available
Toxicity to bacteria :	No data available

Persistence and degradability	No data available
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Bioaccumulative potential

Product:

Bioaccumulation :	No data available
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Mobility in soil	No data available
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Other adverse effects

Product:

Ozone-Depletion Potential :	Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
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Additional ecological information :	No data available
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SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

UNRTDG Not regulated as a dangerous good

IATA-DGR Not regulated as a dangerous good

IMDG-Code Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No data available

Domestic regulation
49 CFR Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know

SARA 304 Extremely Hazardous Substances Reportable Quantity This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : No SARA Hazards

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.





SARA 313 :

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**US State Regulations
California Prop. 65**

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

TSCA list

No substances are subject to a Significant

New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

SECTION 16. OTHER INFORMATION

Full text of other abbreviations

(Q)SAR - (Quantitative) Structure Activity Relationship; ASTM - American Society for the Testing of Materials; bw - Body weight; DIN - Standard of the German Institute for Standardisation; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISO - International Organisation for Standardization; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT –



Persistent, Bioaccumulative and Toxic substance; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative; DSL - Domestic Substances List (Canada); KECI - Korea Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); AICS - Australian Inventory of Chemical Substances; IECSC - Inventory of Existing Chemical Substances in China; ENCS - Existing and New Chemical Substances (Japan); ISHL - Industrial Safety and Health Law (Japan); PICCS - Philippines Inventory of Chemicals and Chemical Substances; NZIoC - New Zealand Inventory of Chemicals; TCSI - Taiwan Chemical Substance Inventory; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; DOT - Department of Transportation; EHS - Extremely Hazardous Substance; HMIS - Hazardous Materials Identification System; MSHA - Mine Safety and Health Administration; NFPA - National Fire Protection Association; RCRA - Resource Conservation and Recovery Act; RQ - Reportable Quantity; SARA - Superfund Amendments and Reauthorization Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; GLP - Good Laboratory Practice; ERG - Emergency Response Guide; NTP - National Toxicology Program; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods

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The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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