SDS

valid for:		
EUP-4803-040	EUP-6403-040	EUP-1303-040
EUP-1103-040 420038	EUP-1203-040	EUP-1903-040
EUP-1403-040		

MATERIAL SAFETY DATA SHEET

In accordance with regulation (CE) n° 1907/2006 and related

n° FDS: 9904-3E Version 1.5 Date (revised): 06/25/2025

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identification

Name:	eutectic liquid -3°C
Composition:	Aqueous mixture of organic/inorganic components in compliance with food contact.
REACH number:	This mixture does not meet the classification criteria of Regulation (EC) 1272/2008 and its amendments. No components need to be disclosed according to the applicable regulations.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Eutectic liquid - safe for food contact Use as functional fluids: Professional
Uses advised against:	No information available

1.4 Emergency phone number

Emergency phone number:	**Please contact the nearest physician/poison control center**

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance/mixture

Danger identification:	**Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. This substance is not classified as dangerous according to Directive 67/548/EEC.**
Label elements:	The product does not need to be labelled in accordance with EC directives or respective national laws.
Warning statement:	None

2.2 Hazard statements

Health hazards:	Not identified as potential hazardous for health.
Environment hazards:	Not identified as potential hazardous for environment.

2.3 Precautionary statements

P273	Avoid release to the environment.

© Plastibac 26.527

PLASTIBAC NV
Pieter Verhaeghestraat 20
8520 Kuurne

c +32 (0)56 36 31 20
m info@plastibac.eu
w www.plastibac.eu

BTW/TVA: BE 0422.488.745
RPR/RPM: Gent, afd. Kortrijk

P304+P340	IF INHALED: If breathed in, move person into fresh air and keep at rest in a position comfortable for breathing.
P302+P352	IN CASE OF SKIN CONTACT: Wash off with soap and plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P391	Collect spillage
Other information:	This substance is not classified as hazardous, if in doubt, consult a physician

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components:	Aqueous mixture of organic/inorganic components in compliance with food contact.
	This product does not contain any volatile organic compounds (VOCs)
n° REACH:	This mixture does not meet the classification criteria of Regulation (EC) 1272/2008 and its amendments.
Composition:	Clean water, technical salts, crystallization agent, preservatives.
	No components need to be disclosed according to the applicable regulations.

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

IF INHALED:	If breathed in, move person into fresh air and keep at rest in a position comfortable for breathing.
IN CASE OF SKIN CONTACT:	Wash off with soap and plenty of water.
IF IN EYES:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF SWALLOWED:	Rinse mouth. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Does not present an acute hazard under normal conditions of use. No special measures required.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

© Plastibac 26.527

PLASTIBAC NV
Pieter Verhaeghestraat 20
8520 Kuurne

c +32 (0)56 36 31 20
m info@plastibac.eu
w www.plastibac.eu

BTW/TVA: BE 0422.488.745
RPR/RPM: Gent, afd. Kortrijk

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

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products:	None

5.3 Advice for firefighters

Special protective equipment:	No particular danger.
Further information:	No data available

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Individual precautions, protective equipment and emergency procedures

General precaution:	Avoid dust formation. Minimize contact of with skin.
Individual protections:	Wear PVC, neoprene or nitrile gloves. Wear safety boots under knee, PVC jacket and trousers. Wear safety glasses or full-face mask in case of splashes. *See section 8.*

6.2 Environment protection procedures:

Measures after spill or leak:	Do not dump into sewers, drains and water bodies. Prevent the spread and flow into drains, ditches or rivers.

6.3 Methods and material for containment and cleaning

Disposal:	Use plenty of water.
Cleaning methods for a large spill:	Rinse with plenty of water
Reference to other sections:	*See section 13.*

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Handling solid product:	Wear normal clothes for chemicals.
Handling liquid product:	Wear protective gloves.

7.2 Precautions for safe storage

Storage:	Sheltered from heat (>50°C). Do not store in contact with harmful or toxic products.
Additional guidelines for the realization of technical facilities:	Liquid: Ask containers flat so that the filling is done without aerosol, providing a grounding for all containers, remove all sources of fire. Storage class: VCI: 12.
Hazardous Reactions:	No dangerous reaction known under normal conditions of use.
Recommended Materials:	For containers or container linings, use high density polyethylene (HDPE).

© Plastibac 26.527

PLASTIBAC NV
Pieter Verhaeghestraat 20
8520 Kuurne

c +32 (0)56 36 31 20
m info@plastibac.eu
w www.plastibac.eu

BTW/TVA: BE 0422.488.745
RPR/RPM: Gent, afd. Kortrijk

Packaging materials or bottles to avoid:	Avoid metal for containers or container linings.
Other informations:	Do not expose Polyethylene containers to high temperatures because of possible risk of distortion. Storage class: 12-13.

7.3 Specific end uses

No specific use except for those mentioned *section 1.2*.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Contains no substances with exposure limit values.

8.2 Exposure Controls, Personal Protection:

Appropriate engineering control:	General industrial hygiene practice. Choice of protective equipment depends on local conditions, exposure to other chemical substances and micro-organisms, thermal conditions (extreme cold or heat), electrical hazards, mechanical hazards and degree of dexterity manual required for this activity.
Eye protection:	Goggles conform to EN 166-345 B or NIOSH minimum standard should be used if there is a risk of contact with eyes splash.
Respiratory protection:	Respiratory protection is not required. Where protection from nuisance levels of dusts is desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Hand 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.

8.3 Control of environmental exposure

No special environmental precautions required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Liquid
Color:	Transparent
Odor:	No data available

© Plastibac 26.527

PLASTIBAC NV
Pieter Verhaeghestraat 20
8520 Kuurne

c +32 (0)56 36 31 20
m info@plastibac.eu
w www.plastibac.eu

BTW/TVA: BE 0422.488.745
RPR/RPM: Gent, afd. Kortrijk

Odor Threshold:	No data available
pH:	No data available
Melting point/freezing point:	Melting point range: -5 / -2.5°C
Initial boiling point and boiling range:	No data available
Flash point:	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
Density:	1040 kg/m^3 at 20°C
Vapor density:	No data available
Water solubility:	In all proportion
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
Explosion limits:	No data available

9.2 Other safety information

No data available.

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

Strong acid and strong base products

© Plastibac 26.527

PLASTIBAC NV
Pieter Verhaeghestraat 20
8520 Kuurne

c +32 (0)56 36 31 20
m info@plastibac.eu
w www.plastibac.eu

BTW/TVA: BE 0422.488.745
RPR/RPM: Gent, afd. Kortrijk

10.6 Hazardous decomposition products

Other decomposition products:	No data available
In case of fire:	*see section 5*

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

A toxicological report has been done by **Institut Français de Toxicologie**.

Acute toxicity:	None
Skin corrosion/irritation:	Light irritation
Serious eye damage/eye irritation:	Light irritation
Respiratory or skin sensitization:	No data available
Germ cell mutagenicity:	No data available
Carcinogenicity:	No data available
Tumorigenic:	No data available
IARC:	No data available
Reproductive toxicity:	No data available
Specific target organ toxicity - single exposure:	No data available
Specific target organ toxicity - repeated exposure:	No data available
Aspiration hazard:	No data available
Additional Informations:	None

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

Ecotoxicological data have not been determined specifically for this product. The information given is based on a knowledge of the components and the ecotoxicology of similar products.

12.2 Persistence and degradability

Naturally degradable.

12.3 Bioaccumulative potential

None.

12.4 Mobility in soil

In the ground, one or many components are moving but cannot contaminate underground water.

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

© Plastibac 26.527

PLASTIBAC NV
Pieter Verhaeghestraat 20
8520 Kuurne

c +32 (0)56 36 31 20
m info@plastibac.eu
w www.plastibac.eu

BTW/TVA: BE 0422.488.745
RPR/RPM: Gent, afd. Kortrijk

12.6 Other adverse effects

No data available.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods:

Procedures:	*See paragraph 7* before any handling.
Elimination of the product:	By water if there is a small quantity of liquid.
Contaminated packaging:	Dispose of as waste.

SECTION 14. TRANSPORT INFORMATION

Non dangerous products for transport in accordance with law.

ADR:	Unregulated
ADNR:	Unregulated
RID:	Unregulated
IATA Cargo:	Unregulated
IATA Passenger:	Unregulated
IMDG:	Unregulated

SECTION 15. REGULATORY INFORMATION

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

15.1 Regulations / legislation specific for the substance or mixture safety, health and environment

Labelling according to Regulation (EC) No 1272/2008:	None
Hazard pictograms:	None
Nil signal word:	-
Hazard-determining components of labeling:	None
Hazard statements:	None
Chemical safety assessment:	A Chemical Safety Assessment has not been carried out.

15.2 Number EINECS (European Inventory of Existing Commercial Chemical Substances known)

All components are listed (or are exempt polymers).

15.3 TSCA (USA)

All components are listed.

© Plastibac 26.527

PLASTIBAC NV
Pieter Verhaeghestraat 20
8520 Kuurne

c +32 (0)56 36 31 20
m info@plastibac.eu
w www.plastibac.eu

BTW/TVA: BE 0422.488.745
RPR/RPM: Gent, afd. Kortrijk

SDS

MATERIAL SAFETY DATA SHEET

In accordance with regulation (CE) n° 1907/2006 and related

Product:	**Eutectic liquid COOL -3°C**	
n° FDS: 9904-3E	Version 1.5	Date (revised): 06/25/2025

15.3 National regulations

Social Security Code:	Article L.461-6, Appendix A, No. 601.
Labor Code:	Special Medical Surveillance: Article R.241-50, Order of 07/11/1977.
Social Security Code:	Table of occupational diseases: None

15.4 Packaging and labeling

Safety data sheet available on request for professional users.

SECTION 16. OTHER INFORMATION

Revised according to the new REACH legislation (**06/25/2025**).
References:
European Code of Safety for storage and handling of petroleum products.
67/548/EEC - Dangerous Substances Directive
1999/45/EC - Dangerous Preparations Directives
91/155/EEC - Directive Sheets Safety Data
Regulation (EC) No 1907/ 2006 of the European Parliament and the Council.
EN 374-2: 1994 Protective gloves against micro -organisms and chemicals.
EN 149: 2001 Respiratory Protection, half mask with filter valve for protection against gases and particles.
EN 141: 2000 Respiratory Protection - gas filter and filter combination.
EN 143: 2000 Respiratory Protection - particulate filter
EN 166: 1995 Specification and eye protection staff. EU Regulation No. 1907/2006 of the European Parliament).

Restriction recommended for use in this product: no restriction in the case of proper use of this product. This sheet complements the technical sheets but does not replace them. The information contained are based on the state of our knowledge of the product concerned on the date indicated and according to the regulations in force. They are given in good faith. This information is for guidance only to allow the handling, processing, storage, transportation, distribution, supply, use and disposal, in satisfactory condition security and therefore should not be construed as a warranty or as quality specification. This information relates only to the specific material designated and, unless specified, they may not be applicable in case of mixing the product in question with other materials or in any process. The user's attention is drawn to the possible risks incurred when a product is used for purposes other than those for which it was designed. It does not exempt the user from knowing and applying all the regulations governing his activity. He will be the sole responsibility of the precautions related to his use of the product.

NOTICE: *This information relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of knowledge and believed accurate and reliable as of the date indicated. However, no representation warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. responsibility cannot be engaged if users act against these*

© Plastibac 26.527

PLASTIBAC NV
Pieter Verhaeghestraat 20
8520 Kuurne

c +32 (0)56 36 31 20
m info@plastibac.eu
w www.plastibac.eu

BTW/TVA: BE 0422.488.745
RPR/RPM: Gent, afd. Kortrijk

SDS

MATERIAL SAFETY DATA SHEET

In accordance with regulation (CE) n° 1907/2006 and related

Product:	**Eutectic liquid COOL -3°C**	
n° FDS: 9904-3E	Version 1.5	Date (revised): 06/25/2025

recommendation and warnings. Please refer also to Technical File of the derivate item for handling advises.

Copyright 2024 License granted to make unlimited paper copies for internal use only.

PLASTIBAC NV
Pieter Verhaeghestraat 20
8520 Kuurne

c +32 (0)56 36 31 20
m info@plastibac.eu
w www.plastibac.eu

BTW/TVA: BE 0422.488.745
RPR/RPM: Gent, afd. Kortrijk

© Plastibac 26.527