

SDS	SAFETY DATA SHEET				
iBACT PHENOXYETHANOL					
Version	00	Date of issue:	10/12/2016	Page	1 of 4

1 - IDENTIFICATION

Product Name: iBACT PHENOXYETHANOL
Recommended Uses: Ingredient for cosmetic formulations
Manufacturer/Supplier: BIOALKEMIA
7715 NW 56 ST
DORAL, FL 33166
Phone Number: 305-499-9572
Fax Number: 305-499-9577

2 - HAZARD IDENTIFICATION

Classification (GHS): No classified as hazardous
Physical: No classified as hazardous
Health: Irritant (skin, eye and respiratory passages). Based on formaldehyde
 -Sensitizer (skin and respiratory system). Toxic (inhalation, skin absorption).
 Potential cancer hazard (animal carcinogen).
Environmental: No classified as hazardous
Labeling (GHS):
Signal Word: None
Pictogram / Symbols: None
Hazard Statements:
Safety Precautions: No applicable
Supplemental Hazard Information: No applicable

3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity (Substance): SUBSTANCE
 Phenoxyethanol
Common Name(s), Synonym(s) of the Substance:
CAS N°: 122-99-6
EC N°:

INCI NAME	CAS No.	EC No.	REACH N°	%

4 - FIRST-AID MEASURES

Skin Contact: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
 Serious Skin Contact: Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.
Eye Contact: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention
Ingestion: Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth to mouth resuscitation. Seek immediate medical attention.
Inhalation: Allow the victim to resting a well-ventilated area. Seek immediate medical attention.
Acute Effects: None known
Delayed Effects: None known

SDS	SAFETY DATA SHEET				
iBACT PHENOXYETHANOL					
Version	00	Date of issue:	10/12/2016	Page	2 of 4

5 - FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Small fire: use dry chemical powder; large fire: use water spray, fog or foam.
Extinguishing Media which must not be Used:	Water jet
Fire Fighting Procedures:	Proceed as any fire involved chemicals.
Specific Hazards in Case of Fire:	Combustion conditions may produce noxious and irritating gases, which will require fresh air.
Special Protective Actions for Fire-Fighters:	Use self-contained breathing apparatus with full face-piece and protective clothing.
Additional Information:	None

6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions and Emergency Procedures:	Avoid eye and skin contact. Do not take internally.
Protective Equipment:	Chemical goggles, protective clothing and gloves.
Environmental Precautions:	Do not allow to enter drains or waterways. Inhibit this product in pour to plant and crop.
Methods and Materials for Containment and Cleaning Up:	<u>Small spill:</u> dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. <u>Large spill:</u> absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow evacuating through the sanitary system.

7 - HANDLING AND STORAGE

Precautions for Safe Handling:	Prevent skin and eye contact. Observe OSHA PEL limitations. Avoid breathing vapors or aerosols. Workers should shower and change to fresh clothing after each shift.
Conditions for Safe Storage:	Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters:
Occupational Exposure Limits:

Reference	TWA Value:	Unit:	STEL Value:	Unit	Additional Information

Biological Limits:

Reference: **Value:** **Unit**

Appropriate Engineering Controls:

Individual Protection Measures and Personal Protective Equipment (PPE): Eye washer and safety shower.

Eye/Face Protection:

Wear safety glasses with side shields.

Skin Protection:

Protective clothing and gloves. Remove contaminated clothing and launder before reuse.

Respiratory Protection:

If needed, use respirator for formaldehyde with an end of service life indicator.

Thermal Hazards:

None

SDS	SAFETY DATA SHEET				
iBACT PHENOXYETHANOL					
Version	00	Date of issue:	10/12/2016	Page	3 of 4

9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid
Color:	Colorless or yellowish
Odor:	Aromatic (slight)
pH:	No applicable
Melting Point/Freezing Point :	14°C(57.2°F)
Initial Boiling Point / Boiling Range:	245°C(473.4°F)
Flash Point:	Closed cup: 110°C(230°F). Open cup: 121.11°C(250°F)
Evaporation Rate:	No reference
Flammability:	No reference
Upper/Lower Flammability or Explosive Limits:	No applicable
Vapour Pressure:	No applicable
Vapour Density:	No applicable
Relative Density:	1.102(water=1)
Solubility:	Partially soluble in cold water
Partition Coefficient: N-Octanol/Water:	No applicable
Auto-Ignition Temperature:	No applicable
Decomposition Temperature:	No applicable
Molecular weight:	138.17 g/mole

10 - STABILITY AND REACTIVITY

Reactivity:	No reactive under recommended storage conditions.
Chemical Stability:	The product is stable
Possibility of Hazardous Reactions:	No when stored in recommended conditions
Conditions to Avoid:	High temperatures near flash point.
Hazardous Decomposition Products:	Combustion conditions may produce noxious and irritating gases: chloridric acid, carbon dioxide and nitric oxide. NOTE: The chloridric acid is highly toxic if Inhaled. The Carbon dioxide in high concentration can act as asphyxiating. High exposition to the combustion products will result in irritation in the respiratory regions.

11 - TOXICOLOGICAL INFORMATION

Acute Toxicity:	Oral (LD50) 1260mg/kg[Rat]. Dermal (LD50)5000mg/kg[Rabbit]
Skin Corrosion/Irritation:	Repeated and/or prolonged contact can cause skin irritation.
Respiratory or Skin Sensitization:	No reference
Germ Cell Mutagenicity:	No reference
Carcinogenicity:	The formaldehyde component of this material is potential cancer hazard to humans.
Reproductive Toxicity:	No reference
Specific Target Organ Toxicity Single Exposure:	No applicable
Specific Target Organ Toxicity, Repeated Exposure :	No applicable
Aspiration Hazard:	No applicable
Routes of Exposure:	No applicable
Signs and Symptoms Related to the Overexposure:	No applicable
Delayed and Immediate Effects, Short/ Long Term Exposure:	No applicable
Chronic Effects, Short/Long Term Exposure:	No applicable
Interactive Effects:	No applicable
Medical Conditions Aggravated By Exposure:	No applicable

SDS	SAFETY DATA SHEET				
iBACT PHENOXYETHANOL					
Version	00	Date of issue:	10/12/2016	Page	4 of 4

12 - ECOLOGICAL INFORMATION

Eco-Toxicity:	No reference
Persistence and Degradability:	No reference
Bio-Accumulative Potential:	No reference
Mobility In Soil:	No reference
Other Adverse Effects:	No reference

13 - DISPOSAL CONSIDERATIONS

Disposal methods:	Dispose of in accordance with local regulations. The packing can not be reused. The plastic material should be recycled or incinerated.
-------------------	--

Recommended European Waste Code:

Note: The user's attention is drawn to the possible existence of specific national or local regulations regarding disposal

14 - TRANSPORT INFORMATION

UN Number:	No classified as hazardous for transportation
UN Proper Shipping Name:	No classified as hazardous for transportation
Transport Hazard Class(es):	No classified as hazardous for transportation
Packing Group:	None
Labels Required:	None
Land Transport ADR/RID:	Not regulated
Maritime Transport IMDG:	Not regulated
Air Transport IATA:	Not regulated

15 - REGULATORY INFORMATION

Symbols and indications of danger:	No classified as hazardous
R phrases:	None
S phrases:	None
Inventory Status:	None

16 - OTHER INFORMATION

National Fire Protection Association (NFPA) Ratings:

(This information is intended solely for the use of individuals trained in the NFPA system.)



Health:	2
Flammability:	1
Reactivity:	0

Disclaimer: The information supplied on this Safety Data Sheet complies with our current level of knowledge at the updating day and it is given in good faith. This SDS is complementary to the technical usage documents but does not replace them. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The properties and details included in this SDS only describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product. The product must not be used for purposes different from those mentioned in chapter 1.