SECTION 1: IDENTIFICATION OF THE ~~SUBSTANCE OR~~ MIXTURE AND OF THE SUPPLIER

1.1. GHS product identifier

Trade name: **ALLERGOFF SPRAY**

1.2. Recommended use of the chemical and restrictions on use

1.2.1. Relevant identified uses

The product is intended to reduce the concentration level of allergens present in house dust.

1.2.2. Uses advised against

Use inconsistent with the information provided on the product label.

1.3. Supplier's details

ICB Pharma Tomasz Świętosławski Paweł Świętosławski Spółka Jawna
Address: ul. Moździerzowców 6a
43-602 Jaworzno
Phone: +48 32 745 47 00
e-mail: office@icbpharma.com
Person responsible for SDS: sds@icbpharma.com

1.4. Emergency phone number

112 – emergency number
+48 32 745 47 00 (at working hours: 8.00 a.m. – 4 p.m.) – manufacturer number

SECTION 2: HAZARDS IDENTIFICATION

2.1. GHS classification of the substance/mixture and any national or regional information

According to the GHS, 9th revised edition:

The product is not classified as hazardous in accordance with applicable regulations.

Physical/chemical hazards:	none
Health hazards:	none
Environmental hazards:	none
Other hazards:	none

2.2. GHS label elements

According to the GHS, 9th revised edition:

Pictograms:
Not required

Signal word:
Not required

Hazard statements:
Not required

Precautionary statement:

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.

Additional labelling requirements:
Substance names to show on the label: not applicable

2.3. Other hazards which do not result in classification or are not covered by the GHS

Product does not met PBT or vPvB criteria according to XIII of REACH regulation.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable.

3.2. Mixture

Product is a mixture.

Hazardous ingredients content (ingredients contained in the mixture below general or specific concentration limits are not disclosed):

Name	Identifiers	Concentration	CLP Classification
Benzyl benzoate	CAS: 120-51-4	<2,5% w/w	Acute Tox. 4 (oral), H302 Aquatic Chronic 2. H411
	EC: 204-402-9		
	Index No.: 607-085-00-9		

Full text of H phrases is provided in Section 16.

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

SECTION 4: FIRST AID MEASURES

4.1. Description of necessary measures

General recommendations:
if any adverse effects occur, the exposure to the product should be discontinued, if in doubt, consult a physician and show him the label or safety data sheet. The injured should be provided with access to fresh air, kept in warm an calm, and with medical assistance. If not breathing CPR may be required. In the event of loss of consciousness, the injured should be placed and, if possible, transported in a recovery position. Do not give an unconscious person anything by mouth.

Protection of personnel providing first aid:
REMEMBER - your safety first. Do not take any action that would pose a risk to the rescuer, unless suitable trained and aware of risks.

Contamination of the skin:
take off immediately all contaminated clothing and shoes. In the event of direct contact of the product with the skin, wash the affected area with water and soap with a pH similar to the skin's, rinse thoroughly.

Contamination of the eyes:
flush contaminated eyes with clean water or a suitable eye wash for at least 15 minutes by opening your eyelids. Do not rub your eyes. Avoid strong water stream - risk of corneal damage. Consult an ophthalmologist if any adverse symptoms occur.

Inhalation:
in case of symptoms of poisoning, remove the injured from the exposure area and provide with fresh air. Consult a physician if symptoms persist or worsen.

Ingestion:
rinse mouth and throat with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. In case of feeling unwell get medical help.

4.2. Most important symptoms/effects, acute and delayed

Acute symptoms: product can causes mild, temporary eye irritation, in case of ingestion can cause abdominal pain, nausea, vomiting.
Delayed symptoms: possible allergic reaction when particularly sensitive

Effects of exposure: no data

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Note to Physician: no specific antidote is known. The decision on how to proceed is made by a doctor after a thorough assessment of the injured person's condition. Symptomatic treatment.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media:
use foam, snow (CO_2) or dry powder extinguishers to extinguish small fire. In case of large fire use foam or water mist.

Unsuitable extinguishing media:
no specific guide. Get surrounding material into consideration for suitability of extinguishing media. A strong water jet is NOT RECOMMENDED – risk of fire spread and environment contamination.

5.2. Specific hazards arising from the chemical

During the fire of the product following compounds might be emitted – carbon oxides, other hazardous gases. Avoid breathing of combustion products, they might be hazardous to health.

5.3. Special protective equipment and precautions for fire-fighters

Obligatory use personal breathing apparatus and wear appropriate protective clothing during firefighting and cleaning after the fire inside closed and poorly ventilated rooms.

General: remove from the endangered area all unauthorized persons, not involved in extinguishing the fire, order evacuation if necessary. Dispose of all ignition sources. In the event of fire, cool the vessels and storage tanks. Do not allow extinguishing agents used to extinguish the fire to get into the watercourse.

Additional remarks: tanks and packaging not covered by fire, exposed to fire or high temperature cool with water, from a safe distance (risk of explosion), if possible remove them from the danger area. Dispose of fire residues and contaminated fire extinguishing water in accordance with applicable regulations. Do not allow extinguishing media used to extinguish fire and extinguishing water to get into sewage system.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:
Limit the access of bystanders to the contaminated area. In the event of large spills, isolate the affected area. Use personal protection equipment. Avoid eyes and skin contamination. Avoid direct contact with the released product. Ensure adequate ventilation.

For emergency responders:
Follow instructions, use appropriate personal protection measures.

6.2. Environmental precautions

If larger quantities of the product are released, steps should be taken to prevent spreading in the wild. Avoid entering drains, groundwater, soil and open water courses. In the event of significant quantities of product getting into waters, relevant services should be notified.

6.3. Methods and material for containment and cleaning up

If the container is unsealed, spills occur, secure the source of the leak, pour the product into an empty container. Spilled product should be treated with a suitable sorbent (sand, sawdust, diatomaceous earth, vermiculite, universal sorbent), collected in the described containers and handed over for disposal. Clean the contamination surface. Maintenance and cleaning work should be carried out with adequate ventilation.

6.4. Reference to other sections

Personal protective equipment – section 8
Waste disposal – section 13

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Use only as intended. Read the label before using the product. Work in accordance with the principles of health and safety. Wash hands before breaks and after finishing work. Use personal protection equipment. Avoid eyes and skin contamination. Ensure adequate ventilation. Do not consume. Maintain cleanliness and order when handling the product. Remove contaminated clothing and protective equipment before entering eating areas.

Specific measures against fire and explosion: no specific requirements.

Industrial hygiene:
- ensure good ventilation (overall and local exhausted ventilation)
- ensure place for eyes and skin rinsing
- wash hands with soap and water before eating, smoking and after work
- use general caution while working with chemical substances

7.2. Conditions for safe storage, including any incompatibilities

Store only in original, tightly closed containers away from direct sunlight, in a dry, cool room. Avoid water and moisture during storage. It is recommended to store absorbent material nearby (section 6.3). Do not peel off the label from the packaging. Do not reuse the container. The container should be upright to prevent leakage of the mixture. Do not store in unlabelled containers. Keep out of the reach of children, keep away from food, drink and feed. Avoid the vicinity of fragrances. Store and transport at temperatures from 5 to 40ºC.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Occupational Exposure Limit Value:
There is exposure standard allocated to hazardous components of this product. Citral, CAS: 5392-40-5 has established TLV. Checking national legislation for exact concentrations and methods of control of workspace is mandatory.

DNELs (Derived No Effect Levels) available for mixture components:

Benzyl benzoate
CAS: 120-51-4
EC: 204-402-9

Exposure route	WORKERS				GENERAL POPULATION			
	Systemic Effects		Local Effects		Systemic Effects		Local Effects	
	Long-term	Acute	Long-term	Acute	Long-term	Acute	Long-term	Acute
Inhalation	14.1 mg/m³	70.5 mg/m³	n.h.i	n.h.i	2.48 mg/m³	12.4 mg/m³	n.h.i	n.h.i
Dermal	4 mg/kg bw/day	n.h.i	n.h.i	n.h.i	1.42 mg/kg bw/day	n.h.i	n.h.i	n.h.i
Oral	n.d	n.d	n.d	n.d	1.42 mg/kg bw/day	n.h.i	n.d	n.d
Eye	n.h.i				n.h.i			

n.d - no data
n.h.i - no hazard identified

8.2. Appropriate engineering controls

Technical exposure controls:
local exhaust ventilation is necessary, which removes vapours from product emission sites, as well as general room ventilation.

8.3. Individual protection measures

Personal protection measures:

the necessity and appropriateness of personal protective equipment should be assessed on the basis of the hazard posed by the product and the conditions in which it is used. Use personal protective equipment only from reputable manufacturers.

Respiratory protection:
is not necessary under normal conditions with sufficient ventilation or outdoor.

Hand protection:
Wear protective gloves, especially when particularly sensitive.
The material from which the gloves are made must be impermeable and resistant to the product. The resistance of materials from which gloves are made must be checked before use. Information on the permeation time of the substance from the gloves manufacturer must be obtained and this time must be observed. Gloves should be reviewed before use. Use the correct technique for removing gloves (without touching the outer surface of the glove) to avoid skin contact with the product. Dispose of contaminated gloves after use in accordance with applicable regulations. It is recommended to change gloves regularly and replace them immediately if they show any signs of wear, damage (rupture, perforation) or changes in appearance (color, elasticity, shape).

Eye protection:
wear safety glasses when working with the product. To protect the eyes use equipment certified according to the relevant standards.

Skin protection:
use suitable protective clothing when working with the product.

Protective equipment standards:
EN 140:2001 Respiratory protective devices – Half masks and quarter masks – Requirements, testing, marking.
EN 143:2004 Respiratory protective devices – Particle filters – Requirements, testing, marking.
EN 149+A1:2010 Respiratory protective devices – Filtering half masks to protect against particles – Requirements, testing, marking.
EN 14387+A1:2010 Respiratory protective devices – Gas filter(s) and combined filter(s) – Requirements, testing, marking.
EN 374-1:2017-01 Protective gloves against dangerous chemicals and micro-organisms – Part 1: Terminology and performance requirements for chemical risks.
EN 374-2:2015-04 Protective gloves against dangerous chemicals and micro-organisms – Part 2: Determination of penetration resistance.
EN 16523-1+A1:2018-11 Determination of material resistance to permeation by chemicals – Part 1: Permeation by potentially hazardous liquid chemicals under conditions of continuous contact.
EN 166:2005 Personal eye protection. Specifications.
EN 14605+A1:2010 Protective clothing against liquid chemicals – Performance requirements for clothing with liquid-tight (Type 3) or spray-tight (Type 4) connections, including items providing protection to parts of the body only (Types PB [3] and PB [4]).
EN ISO 20344:2012 Personal protective equipment – Test methods for footwear

Environmental exposure controls
Do not allow to enter large amounts of product into ground water, sewage, waste water or soil.

PNECs (Predicted No Effect Concentrations) for mixture components:

Benzyl benzoate
CAS: 120-51-4
EC: 204-402-9

Environment compartment	**PNEC**
Freshwater:	3.22 µg/L
Intermittent releases (freshwater):	no data
Marine water:	322 ng/L

Intermittent releases (marine water):	no data
Sewage treatment plant:	100 mg/L
Sediment (freshwater):	2.043 mg/kg sediment dw
Sediment (marine water):	204 µg/kg sediment dw
Air:	No hazard identified
Soil:	405.6 µg/kg soil dw
Hazard for Predators:	No potential for bioaccumulation

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	White
Odour:	Odourless
Melting point/freezing point:	No data
Boiling point or initial boiling point and boiling range:	No data
Flammability:	Not applicable
Lower and upper explosion limit:	Not applicable
Flash point:	>100°C
Auto-ignition temperature:	No data
Decomposition temperature:	No data
pH:	6,0±0,5
Kinematic viscosity:	No data
Solubility:	Soluble
Partition coefficient n-octanol/water (log value):	Not applicable
Vapour pressure:	No data
Density and/or relative density:	1,00±0,02 g/cm^3 (20°C; OECD 109)
Relative vapour density:	No data
Particle characteristics:	No data; product does not contain the substance as a nano-form

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Product does not show reactivity under recommended storage and use conditions.

10.2. Chemical stability

Product is stable under normal conditions.

10.3. Possibility of hazardous reactions

No data.

10.4. Conditions to avoid

Direct sunlight, heat sources, low temperature (<5°C) and high temperature (>40°C).

10.5. Incompatible materials

Strong oxidizers.

10.6. Hazardous decomposition products

Under recommended conditions of storage and handling product does not decompose with evolution of hazardous decomposition products. Hazardous decomposition products may be developed under thermal decomposition (fire).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev. 9, 2021)

Classification of the product was conducted by calculation method according to Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev. 9, 2021) based on the content of hazardous ingredients.

Acute toxicity:
Acute Oral Toxicity: product does not meet criteria for classification
Acute Dermal Toxicity: product does not meet criteria for classification
Acute Inhalation Toxicity: product does not meet criteria for classification
Skin corrosion/irritation:
based on available data, the classification criteria are not met.
Serious eye damage/irritation:
based on available data, the classification criteria are not met.
Respiratory or skin sensitisation:
based on available data, the classification criteria are not met.
Germ cell mutagenicity:
product does not contain any compounds with germ cell mutagenicity hazard.
Carcinogenicity:
product does not contain any compounds with carcinogenic hazard.
Reproductive toxicity:
product does not contain any compounds with reprotoxic hazard.
STOT-single exposure:
based on available data, the classification criteria are not met.
STOT-repeated exposure:
based on available data, the classification criteria are not met.
Aspiration hazard:
based on available data, the classification criteria are not met.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Ecotoxicity

The product was not tested for environmental hazards. Classification of the product was conducted by calculation method according to Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev. 9, 2021) based on the content of hazardous ingredients. According to Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev. 9, 2021) the product is not classified as toxic to the environment.

12.2. Persistence and degradability

Product has not been tested for biodegradation.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Other adverse effects

With proper handling of the mixture, no negative effects are to be expected. The product is not classified as dangerous to the environment. Nevertheless, make sure that the product does not get into the soil, drinking water sources or water reservoirs.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste from residues/unused products:

Unused remains keep in original containers. Get the wastes to the establishment authorized for transport, recovery and disposal of wastes. Residues of the product should be treated as hazardous waste. Disposal should be made through a company authorized to dispose of hazardous waste, in accordance with national and local regulations.

Disposing of the packaging:
Recycling or disposal of empty packaging must be performed in compliance with current legislation. Do not mixed with other wastes.

SECTION 14: TRANSPORT INFORMATION

The product is not a dangerous goods in transport.

14.1. UN number		
ADR	**IMDG Code**	**IATA DGR**
Not applicable	Not applicable	Not applicable

14.2. UN proper shipping name		
ADR	**IMDG Code**	**IATA DGR**
Not applicable	Not applicable	Not applicable

14.3. Transport hazard class(es)		
ADR	**IMDG Code**	**IATA DGR**
Not applicable	Not applicable	Not applicable

14.4. Packing group		
ADR	**IMDG Code**	**IATA DGR**
Not applicable	Not applicable	Not applicable

14.5. Environmental hazards		
ADR	**IMDG Code**	**IATA DGR**
Not applicable	Not applicable	Not applicable

14.6. Transport in bulk according to IMO instruments
Not applicable.

14.7. Special precautions for user		
ADR	**IMDG Code**	**IATA DGR**
Not applicable	Not applicable	Not applicable

SECTION 15: REGULATORY INFORMATION

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

- Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev. 9, 2021),

- European agreement concerning international road transport of dangerous products (ADR),

- Federal, State and Local regulations.

SECTION 16: OTHER INFORMATION

Explanation of abbreviations and acronyms used in safety data sheet:

Full text of the H-phrases, mentioned in section 3 of the safety data sheet:

H302 – Harmful if swallowed.
H411 – Toxic to aquatic life with long lasting effects.

Explanation of abbreviations:

Acute Tox. 4 – Acute Toxicity, hazard category 4
Aquatic Chronic 2 – Hazardous to the aquatic environment, with long lasting effects, chronic aquatic toxicity hazard category 2

Explanations of of acronyms:

ADR European Agreement concerning the International Carriage of Dangerous Goods by Road under framework Directive 94/55/EC, as amended
ATE Acute Toxicity Estimate: acute toxicity values are expressed as (approximate) LD50 (oral, dermal) or LC50 (inhalation) values or as ATEs.
CAS Chemical Abstracts Service
DNEL derived no-effect level
EC number unique seven-digit identifier assigned to substances for regulatory purposes withing European Inventory of Existing Commercial Chemical Substances (EINECS)
EC50 median effective concentration
EINECS European Inventory of Existing Commercial Chemical Substances
GHS (United Nations) Globally Harmonised System of Classification and Labelling of Chemicals
ICAO International Civil Aviation Organisation
IMDG International Maritime Dangerous Goods Code for the transport of dangerous goods by sea
IUPAC International Union of Pure and Applied Chemistry
LOEC Lowest Observed Effect Concentration
LD50 Lethal Dose; dose at which 50% of the animals will be expected to die.
LC50 Lenthal Concentration; standard measure of the toxicity of the surrounding medium that will kill half of the sample population of a specific test-animal in a specified period through exposure via inhalation
NOEC No Observed Effect Concentration
OECD Organisation for Economic Cooperation and Development
PBT Persistent, bioaccumulative and toxic
PNEC Predicted No Effect Concentration
(Q)SAR (Quantitative) Structure-Activity Relationships
SVHC Substance of Very High Concern
UFI Unique Formula Identifier
vPvB very Persistent and very Bioaccumulative

This SDS was prepared in accordance with chapter 1.5 of Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev. 9, 2021).

Classification of the product was based on the content of ingredients and according to Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev. 9, 2021).

Training
Before handling with the product, the user should be familiar with the principles of health and safety regarding the handling of chemicals, and in particular undergo appropriate workplace training.

References to key literature and data sources
The safety data sheet for this product has been create on the basis of a safety data sheet provided by the manufacturer, literature data, online databases and possessed knowledge and experience, taking into account the currently applicable to actual legislation.

Changes from the previous version of the safety data sheet:
Version 1.0 – no changes have been made.

The above information is based on currently available data characterizing the product as well as the experience and knowledge possessed by the manufacturer in this topic. It do not constitute a quality description of the product or promise of specific properties. It should be treated as an aid for safe handling

during transport, storage and use of the product. This does not release the user from liability for incorrect use of the above information and from compliance with all legal regulations in this area.

END OF SAFETY DATA SHEET