



## SAFETY DATA SHEET

according Regulation EC No. 1907/2006 (REACH), Regulation EC No. 1272/2008 (CLP)  
and Commission Regulation EU No 2020/878

### MOTH CATCHER ORION

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## SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND COMPANY/UNDERTAKING

### 1.1 Product identifier

Product name:	Moth catcher ORION
Registration number:	not required, the product is a mixture, not a compound
Other means of identification:	no set

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

Identified uses:	adhesive paper strip for monitoring of pantry moths / meal moths / food moths
Uses advised against:	Unlisted

### 1.3 Details of the supplier of the safety data sheet

Distributor: (marketing body)	Papírna Moudrý s.r.o. Nádražní 56 667 01 Židlochovice Czech Republic tel.: +420 547 231 064 e-mail: moudry@volny.cz web: <a href="http://www.moudry-cz.com">www.moudry-cz.com</a>	Az Ön szállítója: <ul style="list-style-type: none"><li>• Név: Colibri 90 Kft.</li><li>• Székhely: 6724 Szilánk köz 2/C</li><li>• Telefon: +36 (62) 542-060</li><li>• e-mail: info@colibri90.hu</li></ul>
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Competent person responsible for the Safety Data Sheet: PharmDr. Vladimír Végh, PHARMIS, info@pharmis.sk  
Revision 2.0: Jaromír Pokoj, [jpokoj@seznam.cz](mailto:jpokoj@seznam.cz)

### 1.4 Emergency telephone number

Toxicology Information Centre, Na Bojišti 1, Praha; 24-h non-stop: +420-224919293 / +420-224915402.  
Information only on health risks: acute intoxications of people / animals.

## SECTION 2. HAZARDS IDENTIFICATION

Overall classification of the mixture: the mixture **is not** classified as dangerous under Regulation **1272/2008/EC (CLP)**.

Important health effects:	The mixture is not classified as dangerous to human health. It contains a hydrocarbon resin-based melt adhesive that is not classified as a hazardous substance. Prolonged or repeated contact with unprotected skin may cause mild irritation.
Important environmental effects:	<b>The mixture is not classified as dangerous within the meaning of Regulation (EC) No 1272/2008</b> of the European Parliament and of the Council (CLP). Due to the physical condition and insolubility in water, the release of substances dangerous for the environment is not expected in normal use. However, the mixture should not be freely outside the intended use in the environment or sewerage.

### 2.1 Classification of the substance or mixture:

Classification according to 1272/2008/EC:	<b>The mixture is not classified as dangerous within the meaning of Regulation (EC) No 1272/2008</b> of the European Parliament and of the Council (CLP).
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### 2.2 Label elements

Contains:	According to Regulation (EC) No. 1272/2008 of the European Parliament and of the Council (CLP). is not required			
Hazard pictograms:	not required			
Signal word:	not required			



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Hazard statements:	not required
Supplemental hazard information:	not required
Supplemental label elements for certain mixtures:	not required
Precautionary statements:	not required
Other required labelling:	not required

#### 2.3 Other hazards

Results of PBT and vPvB assessment: The final mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

A mixture of adhesives, non-biocide attractions and auxiliary substances on a paper carrier.

**3.1 Substances**  
do not apply

**3.2 Mixtures**  
The mixture does not contain hazardous substances / substances with a Community occupational exposure limit (s), persistent, bioaccumulative and toxic substances or very persistent and very bioaccumulative substances.

Substance <i>REACH Registration number</i>	Content (% w/w)	EC Number CAS Number Index Number	Classification 1272/2008/EC	Specific concentration limit or a multiplication factor Acute toxicity estimation
(Z, E)-9,12-Tetradecadienyl acetate <i>REACH No: not available yet</i>	<0,1	608-490-3 30507-70-1 not specified	Skin irritation, category 2, H315 Causes skin irritation.	not specified
(Z, E)-9, 12-Tetradecadien-1-ol <i>REACH No: not available yet</i>	<0,1	not specified 51937-00-9 not specified	Skin irritation, category 2, H315 Causes skin irritation. Eye irritation, category 2, H319 Causes serious eye irritation.	not specified

### SECTION 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

Observe all user considerations and safety measures stated on the packaging. No adverse hazards to human health are expected under normal use. In all cases of doubt, or when feeling unwell, seek medical advice and show this Safety Data Sheet to the physician.

Inhalation:	No adverse health effects are expected under normal conditions of use for this type of exposure.
Skin contact:	Remove all soiled or stained clothing. Wash the affected area immediately and repeatedly with soap and water. Use appropriate regenerating cream. Seek medical advice if the skin irritation persists.
Eye contact:	As of physical status exposure is not expected. In case of eventual contact keep eyelids open and rinse immediately and repeatedly with copious amount of water for at least 5 - 10 minutes. Remove contact lenses, if present and easy to do. Seek medical advice if the eye irritation persists (preferably an ophthalmologist).
Ingestion:	As of physical status exposure is not expected. In case of intended ingestion rinse mouth with water and allow affected person to drink some water or milk (however, only if the person is conscious). <b>Do not induce vomiting!</b> In case of spontaneous vomiting avoid aspiration of the vomits. In case of



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persistent problems get medical attention and show this Safety Data Sheet or product label!

#### 4.2 Most important symptoms and effects, both acute and delayed.

The mixture is not classified as dangerous for human health. Contains an adhesive based on hydrocarbon resin. Prolonged or repeated contact with exposed skin may cause defatting of the skin to mild irritation. May cause hair removal when removed from the skin.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No specific therapy known. Use supporting and symptomatic treatment.

### SECTION 5. FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

Suitable extinguishing media: water spray, alcohol resistant foam, dry-powder, carbon dioxide or other extinguishing gases

Unsuitable extinguishing media: direct water stream, may spread the fire

#### 5.1 Extinguishing

Suitable extinguishing spilled water, alcohol-resistant foam, dry extinguishing, carbon dioxide (CO<sub>2</sub>) or other extinguishing gases

Unsuitable extinguishing do not use a full stream of water, it may contribute to the spread of fire

#### 5.2 Special hazards arising from the substance or mixture

Flammable. Incomplete combustion and thermolysis may produce toxic, irritating and flammable decomposition products (such as carbon monoxide, carbon dioxide, soot, aldehydes and other products of organic compounds decomposition). Do not inhale smokes.

#### 5.3 Advice for fire-fighters

Fire-fighters should always use standard protective equipment, helmets and in enclosed spaces, self-contained breathing apparatus (SCBA) - risk of irritating, toxic or flammable decomposition products. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. Use water spray to cool fire exposed surfaces and to protect personnel. If possible, try to move the containers from the fire vicinity. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment, and emergency procedures

No special precautions are needed. Observe all user considerations and safety measures. Avoid contact with skin, eyes and mucous membranes. All unprotected persons should be restrained. See Section 8 for advice on the minimum requirements for personal protective equipment. Ensure adequate ventilation in closed areas. Additional protective measures may be necessary, depending on the specific circumstances and/or the expert judgment of the emergency responders.

#### 6.2 Environmental precautions

No special precautions are needed. Avoid entering soil, surface- and ground-waters, drains, cellars or other closed rooms. In case of serious leakage inform appropriate authorities responsible for environmental protection.

#### 6.3 Methods and materials for containment and cleaning up

No special precautions are needed. Collect mechanically. Damaged products dispose according to valid legislation; send to wastes treatment facility. See Section 13 for appropriate procedures. Areas contaminated with the glue clean up mechanically; for final cleaning appropriate organic solvent (such as gasoline or bio-naphtha) can be used. Wash all areas with large amount of water and appropriate detergent.

#### 6.4 Reference to other sections

Adhere to instructions in the section 8 and 13.

### SECTION 7. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Avoid contact of the adhesive parts with skin, eyes and mucous membranes. See Section 8 for advice on the minimum



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requirements for personal protective equipment. Observe all user considerations, safety measures and exposure limits Do not eat, drink or smoke when manipulating with the product. For continuous work (e.g., packaging) ensure adequate ventilation.

**7.2 Conditions for safe storage, including any incompatibilities**  
Store in original packages. Store in dry, banded spaces, with adequate ventilation. Keep away from direct sunlight and, heat sources and ignition sources. Recommended storage temperatures: -20°C to +40°C. Keep out of the reach of children. Keep away from food, beverages and forage. Keep away from acids and oxidative compounds.

**7.3 Specific end uses**  
not specified

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

Exposure limits (Czech Republic, Government Regulation No. 361/2007 Coll.):

Substance name	CAS	PEL	NPK-P	notes
		mg.m <sup>-3</sup>		
Mineral oils (aerosol) [White mineral oil ]	8042-47-5	5	10	-

*PEL: Permissible exposure limit*

*NPK-P: Maximum permissible concentration - short-term*

Indicative biological limits: not set

Indicative occupational exposure limit ES (Directives 2000/39/EC, 2006/15/EC, 2009/161/EC and 2017/164/EC): not set

CAS	Substance name	OEL
-	-	-

Other recommended values: not set

CAS	Substance name	OEL - equivalents
-	-	-

DNEL: not set

PNEC: not set

### 8.2 Exposure controls

#### Appropriate engineering controls:

No special precautions are needed. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

#### Individual protection measures, such as personal protective equipment:

- Eye / face protection  
Not needed under normal conditions of use.
- Skin protection:  
Not needed under normal conditions of use. For long-time work with the risk of direct contact chemical-resistant protective gloves are recommended. If contact with forearms is likely, wear gauntlet-style gloves. CEN standards EN 420 and EN 374 provide general requirements and lists of glove types. Recommended material: fluorinated rubber, nitril-, butyl-rubber, PVC, latex. Short-term contact: protection index 2, breakthrough time min. 30 min., long term - contact: protection index 2, breakthrough time min. 30 min. (EN 374-1). Do not wear rings, watches or other items that should retain the mixture on the skin.



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Note: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier. Inspect and immediately replace worn or damaged gloves.

c) Respiratory protection:  
Not usually required under appropriate ventilation or exhaustion at the workplace.

d) Thermal hazards:  
No such risk when normally used.

Environmental exposure controls:

Comply with applicable environmental regulations limiting discharge to air, water and soil. Protect the environment by applying appropriate control measures to prevent or limit emissions. All storage and manipulation areas have to be equipped for the sanitation of possible leakage. See information in sections 6 and 12.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

properties	value	method/conditions
physical state:	strong viscous liquid on paper carrier	20 °C
colour:	clear, yellowish	-
odour:	weak, indeterminate	-
melting point/ freezing point:	information not available	-
boiling point or initial boiling point and boiling range:	information not available	-
flammability (solids, gases):	non-flammable	-
lower and upper explosion limit values:	information not available	-
flash point	> 200 °C	-
auto-ignition temperature:	not subject to spontaneous ignition	-
decomposition temperature:	information not available	-
pH:	information not available	-
kinematic viscosity:	500 - 1100 mPa.s (sticky component)	100 °C
solubility	Insoluble	water, 20 °C
partition coefficient: n-octanol / water (logarithmic value):	information not available	-
vapour pressure	information not available	-
density and/or relative density	0.735 g/cm <sup>3</sup> (sticky component)	20°C
relative vapour density	information not available	-
particle characteristics (solids)	not to mention	-
evaporation rate	information not available	-
explosive properties:	information not available	-
oxidation properties:	does not have oxidative properties	-

### 9.2 Other information

9.2.1. Information with regard to physical hazard classes	not to mention	-
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#### 9.2.2 Other safety characteristics

not to mention

### SECTION 10. STABILITY AND REACTIVITY

#### 10.1 Reactivity

Not reactive under normal conditions of storage and use.

#### 10.2 Chemical stability

Mixture is chemically stable under normal conditions of storage and use. Overheating may cause thermal decomposition.

#### 10.3 Possibility of hazardous reactions

Hazardous exothermic reactions possible with strong oxidative compounds.

#### 10.4 Conditions to avoid

Stable under normal conditions. Keep away from direct sunlight, heat sources and ignition sources.

#### 10.5 Incompatible materials

None known.

#### 10.6 Hazardous decomposition products

No hazardous decomposition products are produced under normal use. Incomplete combustion or thermal decomposition at high temperatures to produce irritating or harmful gases / vapours / fumes (carbon monoxide, aldehydes, soot, other decomposition products of organic substances).

### SECTION 11. TOXICOLOGICAL INFORMATION

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

No adverse health effects are expected in normal use.

a) *Acute toxicity*

Based on available data, the classification criteria are not met. Direct toxic effects are not foreseeable in the normal use at applicable doses.

(b) *Skin corrosion/irritation*

Based on the available data, the classification criteria are not met. Prolonged or repeated contact with unprotected skin may cause mild transient skin irritation. When removed from the skin, it can cause hair loss with the suction. However, this effect is not a reason for classification.

c) *Serious eye damage/irritation*

Based on the available data, the classification criteria are not met. Direct contact with the eye may cause transient irritation. However, this effect is not a reason for classification.

(d) *Respiratory sensitisation/skin sensitisation*

Based on available data, the classification criteria are not met. They don't have sensitization potential with the bed.

e) *Germ cell mutagenicity*

Based on available data, the classification criteria are not met. Compounds have no potential for mutagenicity.

f) *Carcinogenicity*

Based on available data, the classification criteria are not met. Compounds have no potential for carcinogenicity.

g) *Reproductive toxicity*

Based on available data, the classification criteria are not met. Compounds have no potential for reproductive toxicity.

h) *STOT-single exposure*

Based on available data, the classification criteria are not met.

i) *STOT-repeated exposure*

Based on available data, the classification criteria are not met. Based on composition and applicable amounts, not expected to cause specific damage from prolonged or repeated exposure upon normal conditions of use.

j) *Aspiration hazard*

Based on available data, the classification criteria are not met.

#### 11.2 Information on other hazards



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#### 11.2.1 Endocrine disrupting properties

They are not available.

#### 11.2.2 Other information

They are not available.

## SECTION 12. ECOLOGICAL INFORMATION

Due to its composition, physical state and insolubility in water, the release of environmentally hazardous substances is not expected under normal use. However, the mixture should not be released into the environment or sewage system outside its intended use.

#### 12.1 Toxicity

For the mixture experimentally not set.

#### 12.2 Persistence and degradability

Not set for the mixture. The components of the mixture are only slowly biodegradable.

#### 12.3 Bioaccumulative potential

Information is not available.

#### 12.4 Mobility in soil

Information is not available. The mixture is not water-soluble.

#### 12.5 Results of the PBT and vPvB assessment

The mixture as a whole is not subject to the criteria for PBT or vPvB in accordance with Annex XIII to EU Regulation No 1907/2006.

#### 12.7 Other adverse effects

Unknown.

## SECTION 13. DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

Dispose according to valid legislation; send to approved wastes treatment facility. Dispose in accordance with the valid European and national waste legislation.

##### Product disposal

Avoid entering soil, drains, surface- and ground-waters. Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals. Do not dispose as a common household waste. Dispose in a certified hazardous waste facility. According to the European Waste Catalogue waste codes are not specific for product, but for its use. Therefore, appropriate waste code should assign final user according to his specific use.

##### Proposed waste classification, based on common use:

08 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (paints, varnishes and vitreous enamels) ADHESIVES, SEALANTS AND PRINTING INKS

08 04 Wastes from MFSU of adhesives and sealants (including waterproofing products)

08 04 09 Waste adhesives and sealants containing organic solvents or other dangerous substances.

Hazardous waste: yes

#### 13.2 Methods of disposal of contaminated packaging:

Proposed waste classification according to intended use:

##### Packaging with remnants of the original contents:

Dispose of as hazardous waste.

15 01 10 Packaging containing residues of or contaminated by dangerous substances

Hazardous waste: yes

##### Cleaned or uncontaminated packaging:

Dispose of the packaging as waste from the packaging, depending on the construction material of the packaging. 15 01

Packaging



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Hazardous waste: no

**13.3 Waste legislation:**

- European waste catalogue

#### SECTION 14. INFORMATION FOR TRANSPORT

The **mixture** is not classified as dangerous for transport within the meaning of ADR/RID/IMDG/ICAO/IATA.

**14.1 UN number or ID number:** -

**14.2 UN proper shipping name**

*Road transport ADR*

*Rail transport RID*

*International maritime  
transport IMDG*

*Air transport ICAO/IATA*

-

-

-

-

**14.3 Transport hazard class(es)**

*Road transport ADR*

*Rail transport RID*

*International maritime  
transport IMDG*

*Air transport ICAO/IATA*

-

-

-

-

**Classification code**

-

-

-

-

**Hazard identification number (Kemler)**

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**Labels**

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**Other remarks**

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**14.4 Packing group**

*Road transport ADR*

*Rail transport RID*

*International maritime  
transport IMDG*

*Air transport ICAO/IATA*

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**14.5 Environmental hazards:** no

**14.6 Special precautions for user:** not required

**14.7 Maritime transport in bulk according to IMO instruments:** not transported

#### SECTION 15. REGULATORY INFORMATION

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

Relevant legislation European Union:

- Regulation (EC) No 1907/2006 of the European Parliament and of the , concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)
- Regulation EC No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
- Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)- Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work
- Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC





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- Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC
- Commission Directive (EU) 2017/164 of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC
- European Waste Catalogue
- Council Directive 1999/13/EC of 11 March 1999 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain activities and installations
- Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products Text with EEA relevance

### Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles:

Designation of the substance, of the group of substances or of the mixture	Conditions of restriction
-	-

**15.2 Chemical safety assessment**  
Chemical safety assessment not carried yet

## SECTION 16. OTHER INFORMATION

a) *Changes made to the previous version of the safety data sheet*

Revision No.	date	Changes
1.0	not specified	New safety data sheet.
1.1	3.1.2018	Actualization of relevant legislation in the Section 15.
2.0	25.6.2021	Modification of BL according to Commission Regulation EU 2020/878. Change in the classification of the mixture due to a change in the classification of the ingredient and a change in the wording of the SDS in the sections concerned. Legislation updates. <b>Changes in the SDS are marked with a GRAY BASE.</b>

(b) *Key or legend to abbreviations and acronyms used in the safety data sheet*

Exp. lim.	Exposure limit
NPPEL	The highest permissible exposure limit ( <i>Slovak Republic</i> )
PEL	Permissible exposure limit (short-term) ( <i>Czech Republic</i> )
NPPEL-P	The highest permissible exposure limit (long-term) ( <i>Czech Republic</i> )
OEL	Occupational exposure limit
ACGIH	American Conference of Industrial Hygienists
PBT	Substances persistent, bioaccumulative and toxic
vPvB	Substances very persistent and very bioaccumulative
VOC	Volatile organic compound
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
LD50	Median lethal Dose
LC50	Median lethal concentration
EC50	Half maximal effective concentration
IC50	Half maximal inhibitory concentration
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
RID	International Rule for Transport of Dangerous Substances by Railway
IMDG	International Maritime Dangerous Goods Code
ICAO	International Civil Aviation Organization
IATA	International Air Transport Association

(c) *Key literature references and sources for data*

Original composition from the manufacturer and Safety data sheets of used compounds.  
Revision 2. 0 was performed based on an update of the BL key component of the mixture.

(d) *Methods of evaluating information used for the purpose of classification*

The mixture was classified by expert judgment and conventional calculations methods in accordance with the Regulation



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EC No. 1272/2008 (CLP).

(e) *Full wording of used Hazard Statements (H-phrases)*

Not specified.

(f) *Advice on any training appropriate for workers*

Not applicable for consumer. Before handling, storing or using the present substance for the first time, employees must be informed - common occupational safety training. SAFETY DATA SHEET should always be available at hand.

(g) *Other information*

This Safety Data Sheet is compiled in accordance with the Regulation EC No. 1907/2006 (REACH), Regulation EC No. 1272/2008 (CLP) and Commission Regulation EU No. 2015/830; and contains information on safety use, occupational health protection, and environmental protection. The information contained herein is given in good faith and is accurate to the best of knowledge at the date indicated above. This particular information applies on the product as supplied and may not be valid in mixtures with other substances. If used for other purposes as identified in this SDS, the distributor is not liable for any damage.

The information given herein in no way dispenses the user from knowing and applying all provisions regulating his activity. The user bears sole liability for the precautions required when using the product. The regulatory texts indicated herein are intended to aid the user to fulfil his obligations. This list is not to be considered complete and exhaustive. It is the user's responsibility to ensure that he is subject to no other obligations than those mentioned.

Compiled: PharmDr. Vladimír Végh, PHARMIS. [www.pharmis.cz](http://www.pharmis.cz)

**Revision 2.0: Jaromír Pokoj, [jpokoj@seznam.cz](mailto:jpokoj@seznam.cz)**

☞ End of safety data sheet. ☜