

## SAFETY DATA SHEET

Prepared according to the European Commission Regulations (EU) 2020/878 Annex II

**PRODUCT:** Low molecular weight polyethylene

**Date of filling:** 04 11 2021

**Last revision date:** –

**Version:** 1

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# SAFETY DATA SHEET

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

### 1.1. PRODUCT IDENTIFIER

**Product name:** Low molecular weight polyethylene

**Mixture a unique formula identifier (UFI):** –.

### 1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

**Relevant identified uses:** Brand wax PLVN-6, stearic acid with the possible use of dyes.

**Uses advised against:** No data available.

### 1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

**Manufacturer/Supplier:**

TM SmolWax

42/1, ul. Popova, Smolensk, Russia, 214034

Tel.: +7(4812)51-57-30, +7(958)111-64-74

**Electronic mail address of the person, responsible for the safety data sheet:**

E-mail: info@smolwax.com

### 1.4. EMERGENCY TELEPHONE NUMBER

Poison Control Centre (Austria)

Tel. No.: +43 1 406 4343

Antigif Centrum Centre Antipoisons (Belgium)

Tel. No.: +32 070 245 245

National Toxicology Centre, Hospital for Active Medical Treatment and Emergency Medicine "N.I.Pirogov" (Bulgaria)

Tel. No. / fax: +359 2 9154 233

Poison Control Centre (Croatia)

Tel. No.: +385 1 234 8342

Toxicological Information Centre (Czech Republic)

Tel. No.: +420 224 919 293 / +420 224 915 402

Poison Control Hotline (Denmark)

Tel. No.: +45 82 12 12 12

Poisoning Information Centre (Estonia)

Tel. No.: +372 794 3794 (or 16662 national)

Poison Information Centre (Finland)

Tel. No.: +358 09 471 977

ORFILA (INERIS) (France)

Tel. No.: +33 (0) 1 45 42 59 59

Health Toxicological Information Service (Hungary)

Tel. No.: +36 80 20 11 99

Poison Centre (Iceland)

Tel. No.: +354 543 2222

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National Poisons Information Centre (Ireland)  
Tel. No.: +353 (0)1 809 2566 / +353 (0)1 837 9964

Valsts Toksikoloģijas centrs, Saindēšanās un zāļu informācijas centrs (Latvia)  
Tel. No.: +371 670 42473

The State Medicines Control Agency (SMCA), Poison Information Bureau (PIB) (Lithuania)  
Tel. No.: +370 5 236 20 52

Mater Dei Hospital (Malta)  
Tel. No.: +356 2545 0000

National Poisons Information Centre (NVIC) (Netherlands)  
Tel. No.: +31 (0) 30 274 8888

Mental Health Helpline (Norway)  
Tel. No.: +47 22 59 13 00

Instituto Nacional de Emergência Médica (Portugal)  
Tel. No.: +351 213 303 271

Biroul RSI si Informare Toxicologica (Romania)  
Tel. No.: +40 021 318 3606

National Toxicological Information Centre (NTIC) (Slovakia)  
Tel. No.: +421 2 5477 4166

Toxicology Information Service (Spain)  
Tel. No.: +34 91 562 04 20

Swedish Poisons Information Centre (Sweden)  
Tel. No.: +46 08 331231

## Section 2. HAZARDS IDENTIFICATION

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### 2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

#### 2.1.1. Classification according to Regulation (EC) No 1272/2008 [CLP]

Not Classified.

#### 2.1.2. Additional information:

The full text of H phrases, hazard and EU hazard statements, see in Section 16.

### 2.2. LABEL ELEMENTS

#### 2.2.1. Label according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms: None.

Signal word: None.

Hazard statements: None.

Precautionary statements: None.

Supplemental Hazard information (EU): None.

### 2.3. OTHER HAZARDS

Product does not meet the criteria for a PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII.

## Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

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### 3.1. SUBSTANCES

Not applicable.

### 3.2. MIXTURES

Substance	CAS No.	EC No.	Classification:	Concentration (%)
			According EC No. 1272/2008	
Ethene, homopolymer	9002-88-4	618-339-3	Not Classified.	96%
Stearic acid	57-11-4	200-313-4	Not Classified.	3%
1,4-bis(butylamino) anthraquinone	17354-14-2	241-379-4	Not Classified.	1%

**Additional information:** The full text of H-statements: see section 16.

## Section 4. FIRST AID MEASURES

### 4.1. DESCRIPTION OF FIRST AID MEASURES

**General information.** Get medical attention if any discomfort develops. Hazard valued for the substance in the state of dust.

**Following inhalation.** Move to fresh air. Throat flushing to give drink water, fly the nose. Call a physician if symptoms develop or persist.

**Following skin contact.** Remove contaminated clothing. Rinse the skin with plenty of water with soap. Get medical attention if irritation develops and persists.

**Following eye contact.** Do not break the eyes to prevent them. Rinse immediately with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove any contact lenses. Avoid strong water jets as there is a risk of mechanical damage to the cornea. If redness or stinging persists, consult an ophthalmologist.

**Following ingestion.** Rinse mouth with water. It is recommended to be examined by a doctor / physician.

**Self-protection of the first aider:** To care for their own safety.

### 4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

After contact with eyes, pellets dust may cause mechanical eye irritation, tearing, tingling, redness, conjunctivitis. May cause respiratory / gastrointestinal irritation if inhaled / swallowed.

### 4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Treat symptomatically. In case an intoxication is suspected, National Poisons Information Centre should be addressed immediately, number of Emergency telephone see in section 1.4.

## Section 5. FIREFIGHTING MEASURES

**General fire hazards.** Clear fire area of all non-emergency personnel.

### 5.1. EXTINGUISHING MEDIA

**Suitable extinguishing media.** Depending on the fire environment: water spray, foam, dry chemical powder or carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media.** Do not use foam and water together as water will break the foam. Do not use water jet as an extinguisher, as this will spread the fire.

### 5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

**Hazardous combustion products:** Hazardous combustion products may include: a complex mixture of particulates and gases (smoke) in air. Carbon oxides, nitrogen oxides. Unidentified organic and inorganic compounds.

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### 5.3. ADVICE FOR FIREFIGHTERS

**Special protective equipment for fire-fighters.** Must be selected based on the properties of the combustible materials around it - fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

**Special fire-fighting procedures.** Do not breathe fire released materials. Move containers away from fire area, if it can be done without risk. Use water mist cooling unopened containers. Cooling tanks pouring sufficient water and fire go out. Prevent the material from entering the drainage system, surface waters.

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## Section 6. ACCIDENTAL RELEASE MEASURES

### 6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

**For non-emergency personnel.** In case of fire, stand so that the wind does not blow from of the accident area. Avoid contact with skin and eyes. Do not breathe fumes, dust. In case of spillage, extinguish any open flames, do not smoke. No action shall be taken involving any personal risk or without suitable training. Do not allow unauthorized personnel to enter. Take precautionary measures listed in sections 7 and 8. Use personal protective equipment.

**For emergency procedures.** Ensure adequate ventilation. Remove victim persons from the contaminated area. If adverse reactions occur and persist, seek medical attention.

**For emergency responders.** Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

### 6.2. ENVIRONMENTAL PRECAUTIONS

See that the product is not spread widely into the environment that does not enter the ground, surface waters and sewer networks. If the product entered the environment (in the sewer networks, water bodies, soil or air) - inform the Regional Environmental Department. Swallowed pellets to collect further processing.

### 6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Stop the flow of material, if this is without risk. Collected or pump out the spilled product. Measures to be applied during the accident: Pellets collected in bags and return to the supplier.

### 6.4. REFERENCE TO OTHER SECTIONS

For personal protection, see Section 8. For waste disposal, see section 13.

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## Section 7. HANDLING AND STORAGE

### 7.1. PRECAUTIONS FOR SAFE HANDLING

**Advice on safe handling.** Put on appropriate personal protective equipment (see Section 8). Avoid contact with skin and eyes. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**Advice on protection against fire and explosion.** Keep away from heat. Keep away from sources of ignition.

### 7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep in well-ventilated cool warehouses, sealed, mechanically durable, chemically resistant, label containers. Do not store next to food, drink or animal feed. Do not store near heat, explosive materials, open fire, hot surfaces. Do not smoke at the place of storage. Do not store near self-ignition sources. Protect from direct sunlight. Store in original packaging.

### 7.3. SPECIFIC END USE(S)

No data available.

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## Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. CONTROL PARAMETERS

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**Occupational exposure limits.** No occupational exposure limits noted for the ingredient(s).

**Biological limit values.** No biological exposure limits noted for the ingredient(s).

**Recommended monitoring procedures.** Follow standard monitoring procedures.

### 8.2. EXPOSURE CONTROLS

**General information:** The level of protection and control types may vary depending on the possible conditions. Select tools based on risk assessment according to local circumstances.

#### APPROPRIATE ENGINEERING CONTROLS

Provide adequate general and local exhaust ventilation. Equipped with easy access to water supply equipment, where you can wash your eyes or rinse the skin.

#### INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

**General information.** Use personal protective equipment as required. Keep working clothes separately. Personal protective equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

**Eye/face protection.** Wear protective goggles or face mask (EN 166).

**Skin protection.** Wear protective work clothes from natural materials (e.g. cotton).

**Hand protection.** Personal hygiene is the main effective tool for hand care. The gloves must be worn on clean hands. After using gloves, the hands must be washed well and dried. It is recommended to use non-common creams. The contaminated gloves must be replaced (EN 374).

**Respiratory protection.** Appropriate workplace ventilation and / or respirator from dust (EN 149).

**Thermal hazards.** Not applicable.

**Hygiene measures.** Handle in accordance with good industrial hygiene and safety practices. Using not eating, not drinking and non-smoking. Wash hands after use. Wash contaminated clothing before reuse. Personal clothing and work clothing must be kept separately. Follow medical observation requirements.

### 8.3. ENVIRONMENTAL EXPOSURE CONTROLS

Contain spills and prevent releases, and observe national regulations on emissions.

## Section 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	solid (at 20 °C)
COLOUR:	white
ODOUR:	typical paraffin
MELTING POINT/FREEZING POINT:	105-124 °C
BOILING POINT OR INITIAL BOILING POINT AND BOILING RANGE:	no data available
FLAMMABILITY (SOLID, LIQUID, GAS):	350 °C (dust)
UPPER/LOWER EXPLOSIVE LIMITS:	no data available
FLASH POINT:	380-390 °C
AUTO-IGNITION TEMPERATURE:	no data available
DECOMPOSITION TEMPERATURE:	no data available
pH:	no data available
KINEMATIC VISCOSITY:	180-250 mm <sup>2</sup> /s (at 150 °C)
SOLUBILITY:	insoluble in water (at 20 °C)
PARTITION COEFFICIENT (N-OCTANOL/WATER):	no data available
VAPOUR PRESSURE:	no data available
DENSITY AND/OR RELATIVE DENSITY:	0.910-0.950 g/cm <sup>3</sup>
RELATIVE VAPOUR DENSITY:	no data available
OXIDIZING PROPERTIES:	no data available
PARTICLE CHARACTERISTICS:	no data available

### 9.2. OTHER INFORMATION

#### 9.2.1. Information with regard to physical hazard classes

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No data available.

### 9.2.2. Other safety characteristics

No additional information.

## Section 10. STABILITY AND REACTIVITY

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### 10.1. REACTIVITY

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. CHEMICAL STABILITY

Stable at normal conditions.

### 10.3. POSSIBILITY OF HAZARDOUS REACTIONS

No additional information.

### 10.4. CONDITIONS TO AVOID

High temperatures and sources of ignition. Contact with incompatible materials.

### 10.5. INCOMPATIBLE MATERIALS

Strong oxidizing agents.

### 10.6. HAZARDOUS DECOMPOSITION PRODUCTS

May produce hazardous fumes like carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>) and toxic gas or vapour.

## Section 11. TOXICOLOGICAL INFORMATION

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### 11.1. INFORMATION ON HAZARD CLASSES AS DEFINED IN REGULATION (EC) No. 1272/2008

**Acute toxicity:** No information available for the product.

**Skin corrosion/irritation.** Not classified.

**Serious eye damage/eye irritation.** Not classified.

**Respiratory or skin sensitisation.** Not classified.

**Germ cell mutagenicity.** Not classified.

**Carcinogenicity.** Not classified.

**Reproductive toxicity.** Not classified.

**STOT – single exposure.** Not classified.

**STOT – repeated exposure.** Not classified.

**Aspiration hazard.** Not classified.

### 11.2. INFORMATION ON OTHER HAZARDS

#### 11.2.1. Endocrine disrupting properties

None.

#### 11.2.2. Other information

No data available.

## Section 12: ECOLOGICAL INFORMATION

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### 12.1. TOXICITY

No information available for the product.

### 12.2. PERSISTENCE AND DEGRADABILITY

No data available.

### 12.3. BIOACCUMULATIVE POTENTIAL

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No data available.

### 12.4. MOBILITY IN SOIL

**Mobility.** No data available.

### 12.5. RESULTS OF PBT AND vPvB ASSESSMENT

Not a PBT or vPvB substance or mixture.

### 12.6. ENDOCRINE DISRUPTING PROPERTIES

No data available.

### 12.7. OTHER ADVERSE EFFECTS

No known significant effects or critical hazards.

## Section 13. DISPOSAL CONSIDERATION

### 13.1. WASTE TREATMENT METHODS

**Residual waste.** Dispose of contents/container with local/regional/national/international regulations.

**Contaminated packaging.** No data available.

**EU waste code.** No data available.

**Disposal methods/information.** Review federal, state/provincial, and local government requirements prior to disposal.

## Section 14. TRANSPORT INFORMATION

Transport only in accordance with ADR for road haulage, RID for rail transportation, ADN/IMDG for carriage by vessel/sea and IATA for carriage by air.

**14.1. UN number or ID number.** None.

**14.2. UN proper shipping name.** None.

**14.3. Transport hazard class (es).** None.

**14.4. Packing group.** None.

**14.5. Environmental hazards.** No.

**14.6. Special precautions for user.** Before use read the safety instructions in the safety data sheet and emergency procedures.

**14.7. Maritime transport in bulk according to IMO instruments.** Not applicable.

## Section 15. REGULATORY INFORMATION

### 15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

– Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No.793/93, Commission Regulation (EC) No. 1488/94, Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (Official Journal of the European Union No. L 396, 30-12-2006, error correction – No. L 136/3, 2007-5-29);

– COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No. 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (OJ L 203, 26.6.2020, p. 28–58);

– On 16 December 2008 the Regulation (EC) No. 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of chemical substances and mixtures was undersigned. The said Regulation amended and repealed the directives 67/548/EEC and 1999/45/EC and Regulation (EC) No. 1907/2006 (the REACH

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Regulation). The Regulation has been published in the Official Journal of the European Union No. L 353, volume 51 on 31 December, 2008;

– COMMISSION REGULATION (EU) 2016/918 of 19 May 2016 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures. The Regulation has been published in the Official Journal of the European Union No. L 156, on 14 June, 2016;

– The European Agreement concerning International Carriage of Dangerous Goods by Road (ADR).

### 15.2. CHEMICAL SAFETY ASSESSMENT

For this product a chemical safety assessment has not been carried out.

## Section 16. OTHER INFORMATION

### 16.1. INDICATION OF CHANGES

Information contained in the Regulation 1907/2006/EC with the Regulation 2020/878.

**Indication of changes:** –.

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### 16.2. FULL TEXT OF HAZARD AND PRECAUTIONARY STATEMENTS

None.

**Supplemental label information:** None.

**Abbreviations:** None.

#### Acronyms:

ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road.

ADN – European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

RID – Regulations concerning the International Carriage of Dangerous Goods by Rail.

IMDG – International Maritime Dangerous Goods.

IATA – International Air Transport Association.

ICAO – International Civil Aviation Organization.

IMO – International Maritime Organization.

vPvB – Very Persistent and Very Bioaccumulative.

PBT – Persistent, Bioaccumulative and Toxic substance.

LD50 – Lethal Dose to 50% of a test population (Median Lethal Dose).

LC50 – Lethal Concentration to 50 % of a test population.

EC50 – Effective concentration to 50% of a test population (Half maximal effective concentration).

IC50 – Inhibitory concentration to 50% of a test population (Half maximal inhibitory concentration).

CAS – Chemical Abstracts Service number.

CEN – European Committee for Standardisation.

STOT – Specific Target Organ Toxicity.

DNEL – Derived No-Effect Level.

PNEC – Predicted No Effect Concentration.

NOEC – No effect concentration.

STEL – Short Term Exposure Limit.

TWA – Time Weighted Averages.

SDS – Safety Data Sheet.

#### KEY LITERATURE REFERENCES AND SOURCES FOR DATA:

- The data provided by the European Chemicals Bureau (ECB), European Chemicals Agency (ECHA), Swedish Chemicals Agency (KEMI), International Laboratories Organization (ILO), the TOXNET Internet pages.

#### Disclaimer



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