

NabrezieSv. Cyrila 47 Prievidza 97101, Slovakia Reg.No.: 45492409 VAT No.: SK2023015863 **Sales department:** tel.: +421 911 993183 web: www.prochemical.eu mail: sales@prochemical.eu

# Safety Data Sheet

in accordance to Regulation (EC) No 1907/2006 (as amended by Commission Regulation (EU) No 453/2010)

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

| Product/Trade name:  | Polyethylene of high pressure  |
|--|--|
| Substance name:  | > Polyethylene   |
|  | Low density polyethylene (LDPE)  |
| EC Name:   | Not available  |
| Index No:  | Not available  |
| (Annex VI to Regulation (EC)<br>No 1272/2008)  |  |
| EC No:   | Not available  |
| CAS No:  | 9002-88-4  |
| Molecular Formula:   | (C2-H4)x-  |
| REACH Registration No:<br>(assigned under Article 20(3) of<br>Regulation (EC) No<br>1907/2006) | Polymers are not subject to registration in accordance with provisions of art.2 (9) of REACH regulation.               |
|  | Monomer substance(s) are registered in accordance with provisions of art.6 (3) of REACH regulation as follows:         |
|  | <ul> <li>Ethylene (CAS No. 74-85-1; EC No. 200-815-3)</li> <li>REACH Registration No: 01-2119862951-30-0000</li> </ul> |

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

| Identified uses:      | Polyethylene is used in production of various<br>polymer materials and articles.<br>Ethylene is registered in accordance with<br>requirements of REACH Regulation as monomer<br>substance for use in polymerization. |
|-----------------------|--|
| Uses advised against: | Not specifically defined.  |
| Exposure scenario(s): | Not required for polymer substances.   |

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

| Manufacturer: | Open Joint Stock Company "Ufaorgsyntez"<br>Ufa, 450037 |
|---------------|--|
|               | Republic of Bashkortostan                              |
|               | Russian Federation                                     |



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# **SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

| Classification according to the criteria of<br>Regulation (EC) No 1272/2008 (CLP Regulation):   | Not classified. |
|---|-----------------|
| Classification according to the DSD/DPD criteria of<br>Annex I of Directive 67/548/EEC and as reported<br>in Regulation (EC) No1272/2008: | Not classified. |

# 2.2. Label elements

| Labelling according to the GHS criteria of<br>Regulation (EC) No 1272/2008 (CLP Regulation):  | Not required; not classified. |
|---|-------------------------------|
| Labelling according to the DSD/DPD criteria of<br>Annex I of Directive 67/548/EEC and as reported<br>in Regulation (EC) No 1272/2008 (CLP<br>Regulation): | Not required; not classified. |

# 2.3. Other hazards

| Physical Chemical Hazards: | <ul> <li>Fire and Explosion Hazards:</li> <li>Not flammable.</li> <li>Combustible.</li> <li>Gives off irritating or toxic fumes when heated or burning.</li> <li>Flash point: 341°C (ICSC: 1488, IPCS 2004).</li> <li>Self-ignition temperature: 330-410°C (ICSC: 1488, IPCS 2004).</li> <li>Dust explosion possible if in powderor granular form, mixedwith air (ICSC: 1488, IPCS 2004).</li> </ul> |
|----------------------------|--|
|                            | <ul> <li>Chemical Hazards:</li> <li>Reacts violently with fluorine.</li> <li>Reacts with strong oxidants.</li> </ul>   |



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| Human Health Hazards: | No human health hazards were reported for<br>polyethylene. Ingeneral, polymers are considered<br>of low toxicological hazard.Because polyethylene<br>has not been tested for toxicity effectscompletely, a<br>caution is recommended. |
|-----------------------|---|
|                       | <ul> <li>Eye and Skin Contact:</li> <li>➤ May cause eye irritation due to nuisance dust.</li> <li>➤ Molten product may cause thermal burns.</li> </ul>  |
|                       | Inhalation:   |
|                       | ➢ Fumes or vapour from heated material may be   |
|                       | toxic and/or irritating to eyes, skin, mucous   |
|                       | membrane and respiratory tract.   |

# **SECTION 3: Composition/information on ingredients**

## 3.1. Substances Main

constituent(s):

| Chemical name | CAS No    | EC No         | Weight %content |
|---------------|-----------|---------------|-----------------|
| Polyethylene  | 9002-88-4 | Not available | 100%            |

# **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

| General notes:          | Consult a physician. Show this safety data sheet to the doctor.  |
|-------------------------|--|
| Following inhalation:   | Move to fresh air. Keep the affected person at rest<br>and maintainnormal body temperature. Obtain<br>medical attention if required.                             |
| Following skin contact: | Rinse skin with plenty of water, wash with soap.Refer formedical attention if irritation occurs.   |
|                         | If burned by contact with hot molten material, cool<br>burned skinas quickly as possible by immersing in<br>cold water, or applyingcold water. Call a physician. |
| Following eye contact:  | Rinse with plenty of water for several minutes as a precaution.Remove contact lenses if easily possible. Refer for medicalattention if irritation occurs.        |
| Following ingestion:    | Never give anything by mouth to an unconscious person.   |



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| Rinse mouth with water. Give water to drink. Do<br>not inducevomiting. Refer for medical attention if<br>required. |
|--|
|  |

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

| Inhalation: | Fumes or vapour from heated material may be  |
|-------------|--|
|             | toxic and/orirritating to eyes, skin, mucous |
|             | membrane and respiratory tract.              |
| Note:       | Because polyethylene has not been tested for |
|             | toxicity effectscompletely, caution is       |
|             | recommended.                                 |

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

| Acute exposure: | No data available. For special medical treatment if |
|-----------------|---|
|                 | required, please, refer to medical professionals.   |

## **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

| Suitable extinguishing media: | Extinguish with foam, dry chemical, carbon dioxide |
|-------------------------------|--|
|                               | or waterspray.                                     |

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

| Hazardous combustionproducts:       | Gives off toxic and irritant fumes when heated or burning.  |
|-------------------------------------|---|
| Fire and Explosion Hazards:         | <ul> <li>Not flammable.</li> <li>Combustible.</li> <li>Gives off irritating or toxic fumes when heated or burning.</li> <li>Flash point: 341°C (ICSC: 1488, IPCS 2004).</li> <li>Self-ignition temperature: 330-410°C (ICSC: 1488, IPCS 2004).</li> </ul> |
| Unusual fire and explosion hazards: | Thermal decomposition may produce irritating fumes, toxic gases/vapors.   |

## 5.3. Advice for firefighters

| Special fire fightingprocedures: | > Treat the material as a solid that can burn. |
|----------------------------------|--|
|                                  | Avoid unnecessary run-off of extinguishing     |
|                                  | media, which may cause pollution.              |



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| Personal protection: | > Firefighters must be equipped to prevent   |
|----------------------|--|
|                      | breathing of vapors or products of combustion.<br>Wear an approved self-contained breathing                  |
|                      | apparatus and protective clothing.   |
|                      | <ul> <li>Self-Contained Breathing Apparatus (SCBA)<br/>with appropriate chemical protection suit.</li> </ul> |
|                      | Fire fighter's clothing conforming to European standard EN469.   |

#### **SECTION 6: Accidental release measures**

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

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| Protective equipment: | Wear suitable protective equipment (including   |
|-----------------------|---|
|                       | personalprotective equipment referred to under  |
|                       | Section 8 of the safetydata sheet) to prevent any   |
|                       | contamination of skin, eyes andpersonal clothing.   |
| Emergency procedures: | <ul> <li>If employees are required to clean up spills, they must be properly trained and equipped.</li> <li>Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area).</li> <li>Wear suitable protective equipment.</li> <li>Avoid dust formation. Avoid breathing vapours, mist or dust.</li> <li>Avoid runoff to sewers or waterways.</li> <li>Use suitable industrial vacuum cleaners to suck up crumbs or dust.</li> <li>Shovel or sweep up spilt material.</li> <li>Avoid generation of dust clouds.</li> <li>Collect in a suitable container for reclaiming or disposal.</li> </ul> |

# **6.2. Environmental precautions**

| Accidental Spills andReleases: | Keep away from drains, surface and ground water |
|--------------------------------|---|
| •                              |   |

## 6.3. Methods and material for containment and cleaning up

| For containment: | Prevent further leakage or spillage if safe to do so.  |
|------------------|--|
| For cleaning up: | <ul> <li>Refer section 6.1</li> <li>Use clean non-sparking tools to collect spilled</li> </ul> |
|                  | material.  |
|                  | ➢ Keep in suitable closed containers for disposal.   |

# 6.4. Reference to other sections

| Other information: | For more information, refer to Sections 8 and 13 of |
|--------------------|---|
|                    | this SafetyData Sheet.                              |

#### **SECTION 7: Handling and storage**



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# 7.1. Precautions for safe handling 7.1.1.

## **Protective measures**

| Training:                                       | <ul> <li>Any person who comes into contact with the substance needs to be trained in proper handling and safety per applicable federal, state and local laws and regulations.</li> <li>Employers must advise employees of all areas and operations where exposure to the substance might occur.</li> </ul> |
|---|--|
| Measures to prevent fire:                       | Normal measures for preventive fire protection<br>when handlingcombustible solid substances. Keep<br>sparks, flames, and othersources of ignition away.<br>No smoking. Take measures toprevent the build up<br>of electrostatic charge.  |
| Measures to prevent aerosoland dust generation: | <ul> <li>Avoid formation of aerosols and mists.</li> <li>Avoid inhalation of aerosols and mist.</li> <li>Avoid contact with skin, eyes and clothing.</li> <li>Use in a well ventilated area.</li> </ul>  |
| Measures to protect theenvironment:             | <ul> <li>Do not wash away into sewer.</li> <li>Keep away from drains, surface and ground water. Do not let this chemical enter the environment.</li> <li>If substance has entered a watercourse or sewer, inform the responsible authority.</li> </ul>   |

# 7.1.2. Advice on general occupational hygiene:

| 7.1.2. Auvice on general occupational hygiene. |  |
|--|--|
| Handling:                                      | Handle in accordance with good industrial<br>hygiene and safety practice. Do not eat, drink,<br>or smoke during work. Wash hands before<br>eating, after handling the substance, before<br>breaks and at the end of workday. |
|  | Adequate washing facilities, with supplies of<br>mild soap and hand cleansers should be<br>available at all working locations.   |
|  | Wash thoroughly after handling.  |
|  | <ul> <li>Avoid breathing vapor or dust.</li> </ul>   |
|  | Avoid any contact with hot material.   |

# 7.2. Conditions for safe storage, including any incompatibilities

| Technical measures and storage conditions: | <ul> <li>Store in a cool, dry, well-ventilated location.</li> <li>Separate from oxidizing materials.</li> </ul> |
|--|---|
|  | Store away from direct or indirect sources of   |
|  | heat, prolonged sunlight exposures at all times.  |
|  | Protect containers against physical damage.   |
|  | Provide appropriate exhaust ventilation at  |
|  | places where dust is formed.  |



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# 7.3. Specific end use(s)

| Fire/Explosion prevention: | > No open flames. No contact with hot surfaces. |
|----------------------------|---|
|                            | Normal measures for preventive fire             |
|                            | protection.                                     |

## **SECTION 8: Exposure controls/personal protection**

# 8.1. Control parameters

| EU Occupational Exposure Limit<br>values:                         | Polyethylene:<br>No Occupational Exposure Limit values<br>areestablished.  |
|---|--|
| International Occupational<br>Exposure Limit values:              | Polyethylene:<br>No Occupational Exposure Limit values are<br>established.   |
| DNEL/DMEL from the CSR in<br>accordance with REACH<br>regulation: | Polyethylene:<br>No chemical safety assessment (CSA) and/or<br>chemical safetyreport (CSR) is required in<br>accordance with REACH regulation.<br>No DNEL/DMEL values are proposed.  |
| PNECs from the CSR in accordance<br>with REACH regulation:        | <ul> <li>Polyethylene:</li> <li>No chemical safety assessment (CSA) and/or chemical safetyreport (CSR) is required in accordance with REACH regulation.</li> <li>No PNECs are proposed.</li> <li>(Note: All currently adopted by the national/ regional competentauthority levels on safe exposure to this chemical shall apply).</li> </ul> |

#### 8.2. Exposure controls

| Appropriate engineering controls: | Engineering controls should be sufficient to<br>reduce exposures to this chemical to the lowest<br>level achievable.  |
|-----------------------------------|---|
|                                   | <ul> <li>Use with adequate ventilation to control dust<br/>fumes.</li> </ul>  |
|                                   | > Hazard communication:   |
|                                   | The transmittal of hazard information to<br>workers is to be accomplished by such means as<br>container labelling and other forms of warning,<br>material safety data sheets, and employee<br>training. |
|                                   | Housekeeping and Hygiene Facilities:  |
|                                   | <ul><li>The workplace should be kept clean, orderly,</li></ul>  |
|                                   | and in a sanitary condition. Adequate washing   |



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|--|---|
|  | facilities shall be provided and maintained in a<br>sanitary condition. Comply with principles of<br>good industrial hygiene and safety practice. Do<br>not eat, drink, or smoke during work. Wash<br>handsbefore eating, before breaks and at the<br>end of workday.   |
| Personal Protection                            | <ul> <li>Eye/face protection:<br/>Appropriate eye and face protection may be<br/>necessary to prevent contact with this<br/>substance. Safety goggles. Suitable protective<br/>clothing and eye protection should be in<br/>accordance with national, or regional standards<br/>and regulations.</li> <li>Skin protection:</li> </ul>   |
|  | Handle with appropriate gloves. Gloves must be<br>inspected prior to use. Use proper glove<br>removal method –without touching glove's<br>outer surface –to avoid skin contact with this<br>product. Heat protective impervious gloves<br>when handling molten product.   |
|  | Respiratory protection:<br>Use appropriate respiratory protection where<br>protection from nuisance levels of dusts are<br>desired. The determination of appropriate<br>respiratory protection is best performed, on a<br>case by case basis, taking into consideration the<br>exposure conditions of the particular<br>operation.Respiratory protection should be<br>used in accordance with company and<br>applicable national regulatory requirements.<br>Respiratory protection should be used to<br>supplement the engineering controls and work<br>practices. Persons should not be assigned to<br>tasks requiring the use of respirators unless it<br>has been determined they are physically able to<br>perform the work and are trained to use the<br>equipment. |
|  | <ul> <li>Chemical Protective Clothing:</li> <li>Wear protective clothing, such as long sleeves<br/>to minimize skin contact. Wear coveralls when<br/>handling molten product.</li> </ul>  |

# 8.3. Environmental Exposure controls

| Measures to prevent exposure: | Apply all necessary Risk Management Measures<br>to ensure compliance with relevant national or<br>regional legislation requirements. |
|-------------------------------|--|
|                               | Engineering controls and good work practices.  |
|                               | Regular monitoring for leak detection.   |
|                               | <ul> <li>Hazard communication.</li> </ul>  |
|                               | Housekeeping and Hygiene Facilities.   |



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| Waste-related Measures: | The transportation, storage, treatment, and<br>disposal of the wastematerial must be conducted in<br>compliance with local regulationsfor hazardous               |
|-------------------------|---|
|                         | wastes. Disposal can occur only in<br>properlypermitted facilities. Check state and local<br>regulation of anyadditional requirements for<br>disposal conditions. |

# **SECTION 9: Physical and chemical properties**

# 9.1. Information on basic physical and chemical properties

| Appearance:                                  | Semitransparent white (or colored), elastic material.   |
|--|---|
| Odour:                                       | Odorless or with characteristic odor.   |
| Odour threshold:                             | No data available.  |
| pH:  | No data available.  |
| Melting point/freezing point:                | 138°C.  |
| Initial boiling point andboiling range:      | No data available.  |
| Flash point:                                 | 341°C.  |
| Evaporation rate:                            | No data available.  |
| Flammability:                                | Not flammable.  |
| Upper/lower flammability orexplosive limits: | No data available.  |
| Vapour pressure:                             | No data available.  |
| Vapour density:                              | No data available.  |
| Relative density:                            | 0.945 -0.955 g/cm <sup>3</sup> (at 20°C)  |
| Solubility(ies):                             | <ul> <li>Insoluble in water and fats.</li> <li>Soluble in organic solvents above 100°C</li> </ul> |
| Partition coefficient: noctanol/water:       | No data available.  |
| Auto-ignition temperature:                   | 330 -410°C  |
| Decomposition temperature:                   | No data available.  |
| Viscosity:                                   | No data available.  |
| Explosive properties:                        | Not explosive. Contains no groups associated with explosiveproperties.                            |
| Oxidising properties:                        | Not oxidizing.  |

## 9.2. Other information

| Henry's law constant No c                      | data available. |
|--|-----------------|
| (HLC):No cConversion factors (in air at 25°C): | data available. |

# SECTION 10: Stability and reactivity



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| Reactivity Hazards: | > Incompatible substances: strong oxidizers. > |
|---------------------|--|
|                     | Reacts violently with fluorine.                |

### 10.2. Chemical stability

| Stability/ Shelf-life: | <ul> <li>Stable under recommended storage conditions.</li> <li>No hazardous reaction when handled and</li> </ul> |
|------------------------|--|
|                        | stored according to provisions.  |

# 10.3. Possibility of hazardous reactions

| Special precautions: Store separated from strong oxidizing age | its. |
|--|------|
|--|------|

#### **10.4. Conditions to avoid**

| Conditions contributing toinstability: | ➢ Heating above 140°C.                       |
|--|--|
|  | Keep away from heat and sources of ignition. |

### **10.5. Incompatible materials**

| Incompatibilities: | Strong oxidizers. |
|--------------------|-------------------|
|--------------------|-------------------|

#### **10.6. Hazardous decomposition products**

| Hazardous decomposition products: | Thermal decomposition may produce irritating |
|-----------------------------------|--|
|                                   | fumes, toxicgases/vapors.                    |

#### **SECTION 11: Toxicological information**

#### **11.1. Information on toxicological effects**

| General:   | No human health hazards were reported for<br>polyethylene. Ingeneral, polymers are considered<br>of low toxicological hazard.Because polyethylene<br>has not been tested for toxicity effectscompletely,<br>caution is recommended. |
|--|---|
| Toxicokinetics (absorption, metabolism, distribution and elimination): | No data available.  |
| Acute toxicity:  | Experimental data:<br>Inhalation LC50 (mice) = 12000mg/m3 Oral<br>LDLo (mice) >5000 mg/kg bw  |
| Skin corrosion/irritation:   | Molten product may cause thermal burns.   |
| Serious eye damage/irritation:   | May cause eye irritation due to nuisance dust.  |
| Respiratory irritation:  | May cause respiratory irritation due to nuisance dust.  |
| Respiratory or skin sensitization:                                     | No data available.  |
| Germ cell mutagenicity:  | No data available.  |



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| Carcinogenicity:                  | Not considered to be carcinogenic.<br>IARC Overall evaluation: Polyethylene is not<br>classifiable as toits carcinogenicity to humans<br>(Group 3). |
|-----------------------------------|---|
| Reproductive toxicity:            | No data available.  |
| STOT- single & repeated exposure: | No data available.  |

# **SECTION 12: Ecological information**

#### 12.1. Toxicity

| General: | This material is a water insoluble non-toxic solid   |
|----------|--|
|          | substance. There is no indication that this material |
|          | is a risk to theenvironment.                         |

# 12.1.1. Aquatic Environment

| Acute (short-term) toxicity:  | <ul><li>Fish: No data available.</li><li>Crustacea: No data available.</li></ul> |
|-------------------------------|--|
|                               | <ul> <li>Algae/aquatic plants (Green Algae): No data<br/>available.</li> </ul>   |
|                               | Other organisms: No data available   |
| Chronic (long-term) toxicity: | <ul> <li>Fish: No data available.</li> </ul>                                     |
|                               | Crustacea: No data available.  |
|                               | Algae/aquatic plants (Green Algae): No data available.                           |
|                               | <ul> <li>Other organisms: No data available</li> </ul>                           |

#### 12.1.2. Terrestrial Environment

| Acute (short-term) toxicity:  | > Soil macro-organisms: No data available.        |
|-------------------------------|---|
|                               | > Terrestrial plants: No data available.          |
|                               | Soil micro-organisms: No data available.          |
|                               | > Other terrestrial organisms: No data available. |
| Chronic (long-term) toxicity: | Soil macro-organisms: No data available.          |
|                               | > Terrestrial plants: No data available.          |
|                               | Soil micro-organisms: No data available.          |
|                               | > Other terrestrial organisms: No data available  |

#### 12.2. Persistence and degradability

| Hydrolysis:                     | No data available. |
|---------------------------------|--------------------|
| Phototransformation/photolysis: | No data available. |
| Biodegradation:                 | No data available. |

# 12.3. Bioaccumulative potential



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| Aquatic bioaccumulation:     | No data available. Polyethylene is not soluble in<br>water.Moreover, polymers are not likely to cross<br>membranes ofaquatic organisms. Therefore,<br>polyethylene is not likely tobioaccumulate in |
|------------------------------|---|
|                              | aquatic environment.  |
| Terrestrial bioaccumulation: | No data available.  |

#### 12.4. Mobility in soil

| Known or predicteddistribution toenvironmental compartments: | No data available. |
|--|--------------------|
| Surface tension:   | No data available. |
| Adsorption/Desorption:                                       | No data available. |

## 12.5. Results of PBT and vPvB assessment

| Persistence Assessment:                | No data available.   |
|--|--|
| Bioaccumulation Assessment:            | Polyethylene is not consideredbioaccumulative substance.   |
| Toxicity Assessment:                   | Polyethylene is not considered toxic substance   |
| Conclusions on PBT or vPvB Properties: | Polyethylene is not considered as bioaccumulative<br>or toxicsubstance. Therefore, it is not PBT or vPvB<br>substance. |

# 12.6. Other adverse effects

| Other adverse effects: | No data available. |
|------------------------|--------------------|
|------------------------|--------------------|

#### 12.7. Additional information

| Conclusion on theenvironmental hazard | Polyethylene is not classified as a substance |
|---------------------------------------|---|
| assessment:                           | hazardous toaquatic environment.              |

# **SECTION 13: Disposal considerations**

## **13.1. Waste treatment methods**

| Product/ Packagingdisposal:          | This substance, when discarded or disposed of, may    |
|--------------------------------------|---|
|                                      | beconsidered a hazardous waste. The                   |
|                                      | transportation, storage, treatment, and disposal of   |
|                                      | this waste material must be conductedin               |
|                                      | compliance with local regulations for hazardous       |
|                                      | wastes.Disposal can occur only in properly            |
|                                      | permitted facilities. Checkstate and local regulation |
|                                      | of any additional requirements fordisposal            |
|                                      | conditions.   |
| Sewage disposal-relevantinformation: | Waste should not be disposed of by release to         |
|                                      | sewers.   |



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| Other disposalrecommendations: | Disposal of containers: Please, refer your       |
|--------------------------------|--|
|                                | local/national/regionalrequirements on disposal. |

#### **SECTION 14: Transport information**

#### 14.1. UN number

| UN No: No data available. |
|---------------------------|
|---------------------------|

#### 14.2. UN proper shipping name

| UN Proper Shipping Name: | No data available. |
|--------------------------|--------------------|
|--------------------------|--------------------|

#### 14.3. Transport hazard class(es)

| Hazard Class or Division: No data available. |
|--|
|--|

## 14.4. Packing group

| UN Packing Group: No data available. |
|--------------------------------------|
|--------------------------------------|

## 14.5. Environmental hazards

| Environmental Hazards: | Polyethylene is not classified as a substance |
|------------------------|---|
|                        | hazardous toaquatic environment               |

# 14.6. Special precautions for user

| Note: | A number of restrictions may apply to materials subject to local/national/regional classifications |
|-------|--|
|       | requirements. Please refer to theappropriate regulation for specific details                       |
|       | regardingclassification requirements and restrictions.   |

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

| Transportation in bulk: | A number of restrictions may apply to materials   |
|-------------------------|---|
|                         | subject to bulktransportation. Please, refer<br>relevant regulation for specificinformation on bulk<br>transportation requirements. |

#### **SECTION 15: Regulatory information**

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

| Export and Import ofDangerous Chemicals<br>(Regulation (EC) No689/2008) Information: | This substance is not listed in the Annex I of Regulation (EC) No 689/2008.     |
|--|---|
| CLP Regulation (EC) No1272/2008:   | This substance is not listed in Annex VI (tables 3.1 and 3.2) toCLP regulation. |



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| REACH Regulation (EC) No1907/2006: | Not required to be registered in accordance with |
|------------------------------------|--|
|                                    | provisions of REACH regulation.                  |

## **15.2. Chemical safety assessment**

| CSA: | Chemical Safety Assessment for polyethylene is not |
|------|--|
|      | required inaccordance with provisions of REACH     |
|      | regulation.  |

# **SECTION 16: Other information**

#### Abbreviations and acronyms:

| CAS No    | Chemical Abstracts Service number  |
|-----------|--|
| CLP       | Classification Labelling Packaging Regulation ;<br>Regulation (EC) No1272/2008                         |
| CSA       | Chemical Safety Assessment   |
| CSR       | Chemical Safety Report   |
| DMEL      | Derived Minimal Effect Level   |
| DNEL      | Derived No Effect Level  |
| DPD       | Dangerous Preparation Directive 1999/45/EEC  |
| DSD       | Dangerous Substances Directive 67/548/EEC  |
| EC        | European Commission  |
| ECHA      | European Chemicals Agency  |
| EC-Number | EINECS and ELINCS Number (see also EINECS and ELINCS)  |
| EINECS    | European Inventory of Existing Commercial<br>Substances  |
| ELINCS    | European List of notified Chemical Substances  |
| ES        | Exposure Scenario  |
| EU        | European Union   |
| GHS       | Globally Harmonized System   |
| IUPAC     | International Union for Pure Applied Chemistry   |
| LC50      | Lethal concentration, 50 %   |
| LD50      | Median Lethal Dose   |
| OEL       | Occupational Exposure Limit  |
| OSHA PEL  | Occupational Safety and Health Administration<br>Permissible ExposureLevel                             |
| РВТ       | Persistent, Bioaccumulative and Toxic substance  |
| PNEC(s)   | Predicted No Effect Concentration(s)   |
| PPE       | Personal Protection Equipment  |
| REACH     | Registration, Evaluation, Authorisation and<br>Restriction of ChemicalsRegulation (EC) No<br>1907/2006 |
| RMM       | Risk Management Measure  |



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| STOT      | Specific Target Organ Toxicity           |
|-----------|--|
| (STOT) RE | Repeated Exposure                        |
| (STOT) SE | Single Exposure                          |
| UN        | United Nations                           |
| vPvB      | Very Persistent and Very Bioaccumulative |