|  |  |
| --- | --- |
| **SECTION 1: Identification of the substance/mixture and of the company/undertaking** | |
|  | |
| **1.1.** | **Product identifier** |
|  | Trade name:  **DILUENTE PER SMALTO** |
| **1.2.** | **Relevant identified uses of the substance or mixture and uses advised against** |
|  | Cosmetic product. For professional and consumer use. |
| **1.3.** | **Details of the supplier of the safety data sheet** |
|  | ARTEX sas di Pippobello Simonetta e C. |
| **1.4.** | **Emergency telephone number** |
|  | tel.: 075 8987585  H: 09.00 – 16.00  Da Lunedi a Venerdi |
|  | |

|  |  |  |  |
| --- | --- | --- | --- |
| **SECTION 2: Hazards identification** | | | |
|  | | | |
| **2.1.** | **Classification of the substance or mixture** | | |
|  |  | | |
|  | **Classification according to Regulation (EC) No 1272/2008:** | | |
|  |  | | |
|  | **Flam. Liq. 2** | | |
|  | **H225** Highly flammable liquid and vapour. | | |
|  | **Eye Irrit. 2** | | |
|  | **H319** Causes serious eye irritation. | | |
|  | **H336 May cause drowsiness or dizziness.** | | |
|  | **EUH066 Repeated exposure may cause skin dryness or cracking.** | | |
| **2.2.** | **Label elements** | | |
|  |  | | |
|  | Labelling according to Regulation (EC) No 1272/2008: | | |
|  | **Signal word: DANGER** | | |
|  | **Hazard Pictograms:**  GHS02 | | |
|  | **Hazard statements** | | |
|  |  | | |
|  | **H225** Highly flammable liquid and vapour. | | |
|  | **H319** Causes serious eye irritation.  **H336** May cause drowsiness or dizziness. | | |
|  |  | | |
|  | **Precautionary statements** | | |
|  | |  |  |
|  | | **P210** | Safety data sheet available upon request. |
|  | | **P261** | Avoid breathing dust/fume/gas/mist/vapours/spray. |
|  | | **P271** | Use only outdoors or in a well-ventilated area. |
|  | | **P305+P351+P338** | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
|  | | **P304+P340** | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. |
|  | | **P403+P233** | Store in a well-ventilated place. Keep container tightly closed |
|  | |  | |
|  | | **Supplemental hazard information** | |
|  | | ~~--~~ | |
|  | |  | |
|  | | **Special labelling for certain preparations:** | |
|  | | **Contains:** ---- | |
|  | | **Contains (INCI names):**  ETHYL ACETATE | |
|  | |  | |
|  | |  | |
| **2.3.** | | **Other hazards** | |
|  | | vPvB Substances: None - PBT Substances: None  Other Hazards: No other hazard | |
|  | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **SECTION 3: Composition/information on ingredients** | | | | | |
|  | | | | | |
| **3.2.** | **Mixtures** | | | | |
|  | **Chemical characterization:**  a mixture of organic compounds. | | | | |
|  | **Name of substance** | **Identifier** | **Classification 1272/2008** | | % **weig.** |
|  | Ethyl acetate  **INCI**  ETHYL ACETATE | Index: 607-022-00-5  CAS: 141-78-6  EU: 205-500-4  Registration No:-- | Flam. Liq. 2  Eye Irrit. 2  STOT SE 3  EUH066 | H225 H319 H336 | 75-100 |
| The full meaning of the risk phrases H included in the chapter 16 | | | | | |
|  | | | | | |

|  |  |
| --- | --- |
| **SECTION 4: First aid measures** | |
|  | |
| **4.1.** | **Description of first aid measures** |
|  | **General information:**  Immediately remove any clothing soiled by the product.  Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident. |
|  | **Inhalation:** |
|  | * If inhale, move the exposed person to fresh air. Keep her warm and at rest. If not breathing, if breathing is irregular or there is a blockage of roads tract, knowledgeable staff should provide artificial respiration or give oxygen. Implementation of mouth-to-mouth can be dangerous. * Contact immediately with doctor, if the state of the person is serious or if symptoms persist. If a person is unconscious, place her in the recovery position and call a physician immediately. * Place it in ventilated room. Loosen the pinching of clothing as collars, ties, belts or scarves. |
|  | **Ingestion:** |
|  | * Rinse mouth with water. Move the affected person immediately to fresh air. Keep it in warm and at rest. If swallowed, if the person is conscious, give to drink small amounts of water. Stop if the person feels sick as vomiting may be dangerous. Do not induce vomiting without direct control of medical personnel. * Contact doctor immediately if status of a person is serious or if symptoms persist. Never give anything by mouth an unconscious person. If the person is unconscious, place her in the recovery position and call immediately after the doctor. * Place it in a ventilated room. Loosen the oppressing clothing. |
|  | **Eye contact:** |
|  | * Immediately flush eyes with large amounts of water for at least 15 minutes while holding the eyelids open to ensure that the entire surface is flushed. Do not put any ointments, oils or medication. * Seek medical advice. |
|  | **Skin contact:** |
|  | * Immediately wash with water and soap and rinse thoroughly. Wash contaminated clothing before reuse. * If irritation persists, seek medical attention.   In the case long-term exposure occurs irritation, allergic reaction. |
| **4.2.** | **Most important symptoms and effects, both acute and delayed** |
|  | After eye contact: Causes tears, Conjunctivitis (pink eye), Conjunctival redness of the eyes,  Following skin contact: Localised redness, Has degreasing effect on the skin,  After ingestion: Irritation, Vomiting,  Following inhalation: Cough, pain, choking, and breathing difficulties, Causes slight to moderate irritation,  Headaches and dizziness may occur, Narcosis |
| **4.3.** | **Indication of any immediate medical attention and special treatment needed** |
|  | No further relevant information available. |
|  | |

|  |  |
| --- | --- |
| **SECTION 5: Firefighting measures** | |
|  | |
| **5.1.** | **Extinguishing media** |
|  | **Suitable extinguishing agents:**  Foam; Dry powder; Carbon dioxide; Water spray jet  **Unsuitable extinguishing media**  Strong water jet. |
| **5.2.** | **Special hazards arising from the substance or mixture** |
|  | Fire and thermal decomposition gives off harmful decomposition products like: Carbon oxides Vapor may cause flash fire. Vapor may accumulate in low or confined areas , travel a considerable distance to a source of ignition and flash back. Vapors may form explosive mixtures with air. Runoff to sewer may create fire or explosion hazard. Heated containers may explode. **Hazardous combustion products**  In case of fire may be liberated: carbon monoxide (CO), carbon dioxide (CO2,), carbon monoxide and carbon dioxide. |
| **5.3.** | **Advice for firefighters** |
|  | In case of insufficient ventilation, wear suitable respiratory equipment with full mask.  **Special protective equipment for firefighters**  Protective clothing against liquid and gaseous chemicals, including liquid aerosols and solid particles.  Self-contained breathing apparatus (SCBA). Self-contained breathing apparatus (EN 133). |
|  | |

|  |  |
| --- | --- |
| **SECTION 6: Accidental release measures** | |
|  | |
| **6.1.** | **Personal precautions, protective equipment and emergency procedures** |
|  | **For non-emergency personnel**  Ensure ventilation. Avoid contact with eyes and skin. Keep away sources of ignition. Ensure adequate ventilation. |
| **6.2.** | **Environmental precautions** |
|  | Prevent spread over the wide area (e.g. by containment or oil barriers). Do not discharge into the drains /surface waters/groundwater |
| **6.3.** | **Methods and material for containment and cleaning up** |
|  | **Discharge of large quantities of the substance:** Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder, sawdust). Dispose of contaminated material as prescribed. |
| **6.4.** | **Reference to other sections** |
|  | See Section 7 for information on safe handling.  See Section 8 for information on personal protection equipment.  See Section 13 for disposal information. |
|  | |

|  |  |
| --- | --- |
| **SECTION 7: Handling and storage** | |
|  | |
| **7.1.** | **Precautions for safe handling** |
|  | Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Keep container closed. Use only with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are close to the workstation location. Keep away from heat, sparks and flame. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Use explosionproof electrical (ventilating, lighting and material handling) equipment. Wash thoroughly after handling. |
| **7.2.** | **Conditions for safe storage, including any incompatibilities** |
|  | Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until it is ready for use. Avoid all possible sources of ignition (spark or flame). |
| **7.3.** | **Specific end use(s)** |
|  | In the annex to the safety data sheet are described in the exposure scenarios. |
|  | |

|  |  |
| --- | --- |
| **SECTION 8: Exposure controls/personal protection** | |
|  | |
| **8.1.** | **Control parameters** |
|  |  |
|  | **Occupational exposure limit values (Workplace Exposure Limits)**  **Ethyl acetate** (CAS: 141-78-6) OELV TWA 200 ppm  **DNEL Exposure Limit Values**  human health values  DNEL 1.468 mg/m³ human, inhalatory worker (industry) acute - local effects  DNEL 1.468 mg/m³ human, inhalatory worker (industry) acute - systemic effects  DNEL 734 mg/m³ human, inhalatory worker (industry) chronic - local effects  DNEL 63 mg/kg human, dermal worker (industry) chronic - systemic effects  DNEL 734 mg/m³ human, inhalatory worker (industry) chronic - systemic effects  **PNEC Exposure Limit Values**  PNEC 0,24 mg/l freshwater short-term (single instance)  PNEC 0,024 mg/l marine water short-term (single instance)  PNEC 650 mg/l sewage treatment plant (STP) short-term (single instance)  PNEC 1,15 mg/kg freshwater sediment short-term (single instance)  PNEC 0,115 mg/kg marine sediment short-term (single instance)  PNEC 0,148 mg/kg soil short-term (single instance)  PNEC 1,65 mg/l water continuous |
|  |  |
| **8.2.** | **Exposure controls** |
|  | **Appropriate engineering controls:**  Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.  **Exposure Controls:**  Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits for vapour.  If user operations generate vapour or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.  **General protective and hygienic measures:**  Do not eat, drink, smoke or sniff while working.  Keep away from foodstuffs, beverages and feed.  Immediately remove all soiled and contaminated clothing.  Wash hands before breaks and at the end of work.  Do not breathe vapour.  Avoid contact with the eyes and skin.  **Hands:**  Nakaz stosowania ochrony rąk  **Protective gloves**  Wear gloves that cannot be penetrated by chemicals or oil (Butyl rubber gloves). The correct choice of protective gloves depends upon the chemicals being handled, the conditions of work and use, and the condition of the gloves (even the best chemically resistant glove will break down after repeated chemical exposures). Most gloves provide only a short time of protection before they must be discarded and replaced. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. Gloves should therefore be chosen in consultation with the supplier/manufacturer and with a full assessment of the working conditions.  **Respiratory protection:**  If ventilation is inadequate, use certified respirator that will protect against organic vapor.  **Skin and body:**  Avoid contact with skin. Wear clothingand footwear that cannot be penetrated by chemicals or oil. |
|  | |

|  |  |  |
| --- | --- | --- |
| **SECTION 9: Physical and chemical properties** | | |
|  | | |
| **9.1.** | **Information on basic physical and chemical properties** | |
|  | **Appearance:** | Fluid |
|  | **Colour:** | Colourless, clear |
|  | **Odour:** | Characteristic |
|  | **Odour threshold:** | Not available |
|  | **pH-value**: | Neutral |
|  | **Melting / Freezing Point:** | 82,4°C |
|  | **Initial boiling point and boiling range:** | 76,5-78°C |
|  | **Flash point:** | -3°C |
|  | **Evaporation rate:** | na |
|  | **Flammability (solid, gas):** | 6°C |
|  | **Upper flammability or explosive limit:** | 11,4% vol |
|  | **Lower flammability or explosive limit:** | 2,0% vol |
|  | **Vapour pressure:** | na |
|  | **Vapor density:** | na |
|  | **Relative density:** | 0,899-0,901 g/cm³ |
|  | **Solubility in water:** | 8,5% (15°C) |
|  | **Partition coefficient (n-octanol/water):** | na |
|  | **Auto-ignition temperature:** | 446°C |
|  | **Decomposition temperature:** | na |
|  | **Viscosity:** | na |
|  | **Explosive properties:** | na |
|  | **Oxidising properties:** | na |
| **9.1.** | **Other safety information** | |
|  |  | No further relevant information available. |
|  | | |

|  |  |
| --- | --- |
| **SECTION 10: Stability and reactivity** | |
|  | |
| **10.1.** | **Reactivity** |
|  | na |
| **10.2.** | **Chemical stability** |
|  | Stabile at recommended conditions of use and storage |
| **10.3.** | **Possibility of hazardous reactions** |
|  | No hazardous reactions. When stored and handled according to prescribed. |
| **10.4.** | **Conditions to avoid** |
|  | High temperatures. Avoid all possible sources of ignition (spark or flame). |
| **10.5.** | **Incompatible materials** |
|  | strong acids, strong alkalis, strong oxidizing materials. |
| **10.6.** | **Hazardous decomposition products** |
|  | na |
|  | |

|  |  |
| --- | --- |
| **SECTION 11: Toxicological information** | |
|  | |
| **11.1.** | **Information on toxicological effects** |
|  | **Acute toxicity:** |
|  | **Oral** LD 50 rat 5620 mg/kg  **Dermal** No data available  **Inhalation** LC 50 rat 45 mg/l (2hours) |
|  | **skin corrosion/irritation** |
|  | Data not significant for classification |
|  | **Eye irritation** |
|  | Causes eye irritation. |
|  | **respiratory or skin sensitisation** |
|  | No data available |
|  | **carcinogenicity** |
|  | No data available |
|  | **reproductive toxicity** |
|  | No data available |
|  | |

|  |  |  |
| --- | --- | --- |
| **SECTION 12:**  **Ecological information** | | |
|  | | |
| **12.1.** | **Toxicity** | |
|  | | **Acute toxicity** |
|  | | LC 50, fish 48 hours 270-330 mg/l  EC 50, daphnia 24 hours>3090 mg/l |
| **12.2.** | | **Persistence and degradability** |
|  | | Good degradability |
| **12.3.** | | **Bioaccumulative potential** |
|  | | Low bioaccumulative potential |
| **12.4.** | | **Mobility in soil and water** |
|  | | Data not significant for classification |
| **12.5.** | | **Results of PBT and vPvB assessment** |
|  | | Data not significant for classification |
| **12.6.** | | **Other adverse effects** |
|  | | No data available |
|  | | |

|  |  |
| --- | --- |
| **SECTION 13: Disposal considerations** | |
|  | |
|  | **Waste treatment methods**  Avoid contract of spilled material and runoff with soil and surface waterways. Consult an environmental professional to determine if local or national regulations would classify spilled or contaminated materials as hazardous waste. Use only approved transporters, recyclers, and treatment, storage or disposal facilities. Dispose of in accordance with all applicable local and national regulations. |
|  | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SECTION 14: Transport UN** | | | | |
|  | | | | |
|  |  | **ADR/RID** | **IMGD** | **IATA** |
| **14.1.** | **Number information** | **1173** | **1173** | **1173** |
| **14.2.** | **UN proper shipping name** | **Ethyl acetate** | | |
| **14.3.** | **Transport hazard class(es)** | **3** | **3** | **3** |
|  | **Danger code (Kemler)** | **33** | **33** | **33** |
|  | **Label** | **\\ekosserwer\..\..\WINDOWS\Pulpit\Ministerstwo Infrastruktury_pliki\krzysz10.gif** | **\\ekosserwer\..\..\WINDOWS\Pulpit\Ministerstwo Infrastruktury_pliki\krzysz10.gif** | **\\ekosserwer\..\..\WINDOWS\Pulpit\Ministerstwo Infrastruktury_pliki\krzysz10.gif** |
| **14.4.** | **Packing group** | **II** | **II** | **II** |
| **14.5.** | **Environmental hazards** | **no** | **no** | **no** |
| **14.6.** | **Special precautions for user** | **---** | | |
| **14.7.** | **Transport in bulk according to Annex II of MARPOL and the IBC Code** | **Not available.** | | |
|  |  | | | |

|  |  |
| --- | --- |
| **SECTION 15: Regulatory information** | |
|  | |
| **15.1.** | **Safety, health and environmental regulations/legislation specific for the substance or mixture** |
|  | * Regulation No 1907/2006 of EP and Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency * Regulation No 1272/2008 of EP and Council on classification, labelling and packaging of substances and mixtures * Restriction according to Commision Regulation No 552/2009 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards Annex XVII: none |
| **15.2.** | **Chemical safety assessment** |
|  | A Chemical Safety Assessment has not been carried out for this mixture. |
|  | |

|  |
| --- |
| **SECTION 16: Other information** |
|  |
| **Relevant phrases H from section 3**  **H225** Highly flammable liquid and vapour.  **H319** Causes serious eye irritation.  **H336** May cause drowsiness or dizziness.  **Abbreviations and Acronyms:**  ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  IMDG: International Maritime Code for Dangerous Goods  IATA: International Air Transport Association  IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  ICAO: International Civil Aviation Organization  ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)  PP: Severe Marine Pollutant  GHS: Globally Harmonized System of Classification and Labelling of Chemicals  EINECS: European Inventory of Existing Commercial Chemical Substances  CAS: Chemical Abstracts Service (division of the American Chemical Society) |
| ***Note to readers***  *The information in this SDS is based on our current knowledge and the current legislation.*  *The product shall not, without first obtaining written Instructions for purposes other than those mentioned in Section 1 purpose be used. It is always the user's responsibility to ensure compliance with statutory Provisions to ensure. The information in this Safety Data Sheet describing the safety requirements for our product.* |
| **Version: 1** |