1 Identification of the substance/mixture and of the company/undertaking

- Product identifier
  - Trade name: **Meltonix 1162-60PF**

- Relevant identified uses of the substance or mixture and uses advised against
  - Application of the substance / the preparation: Hot Melt Sealing Film with Protection Foil

- Details of the supplier of the safety data sheet
  - Manufacturer/Supplier:
    SOLARONIX SA
    Rue de l'Ouriette 129, CH-1170 Aubonne, Switzerland
    info@solaronix.com
    T +41 21 821 22 80
    www.solaronix.com
    F +41 21 821 22 89
    info@solaronix.com

- Emergency telephone number: Swiss Toxicological Information Center: +44 251 51 51

2 Hazards identification

- Classification of the substance or mixture
  - Classification according to Regulation (EC) No 1272/2008
    The product is not classified according to the CLP regulation.

- Classification according to Directive 67/548/EEC or Directive 1999/45/EC
  - Not applicable.

- Information concerning particular hazards for human and environment:
  - The product has to be labelled in the latest valid version according to the calculation procedure of the "General Classification guideline for preparations of the EU".

- Classification system:
  - The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

- Label elements
  - Labelling according to Regulation (EC) No 1272/2008     Void
  - Hazard pictograms     Void
  - Signal word     Void
  - Hazard statements     Void
  - Other hazards
  - Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.

3 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description:
  Meltonix 1162-60PF is a 60 μm thick thermoplastic hot-melt sealing film with a protective foil on one side

- Dangerous components:

<table>
<thead>
<tr>
<th>CAS: 108-31-5</th>
<th>EINECS: 203-571-6</th>
<th>maleic anhydride</th>
<th>&lt;0.1%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>C R34; Xn R22; Xn R42/43</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Resp. Sens. 1, H334; Skin Corr. 1B, H314; Acute Tox. 4, H302; Skin Sens. 1, H317</td>
<td></td>
</tr>
</tbody>
</table>

(Contd. on page 2)
4 First aid measures

· Description of first aid measures
  · After excessive inhalation: Supply fresh air; consult a doctor in case of complaints.
  · After skin contact: Generally the product does not irritate the skin.
  · After eye contact: Rinse opened eye for several minutes under running water.
  · After swallowing: If symptoms persist consult a doctor.
  · Information for doctor:
    · Most important symptoms and effects, both acute and delayed
      No further relevant information available.
    · Indication of any immediate medical attention and special treatment needed
      No further relevant information available.

5 Firefighting measures

· Suitable extinguishing agents:
  CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
  · Special hazards arising from the substance or mixture
    No further relevant information available.
  · Advice for firefighters
    · Protective equipment: No special measures required.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures Not required.
· Environmental precautions:
  Inform respective authorities in case of seepage into water course or sewage system.
  Do not allow to enter sewers/ surface or ground water.
· Methods and material for containment and cleaning up: Pick up mechanically.
· Reference to other sections
  See Section 7 for information on safe handling.
  See Section 8 for information on personal protective equipment.
  See Section 13 for disposal information.

7 Handling and storage

· Handling:
  · Precautions for safe handling No special precautions are necessary if used correctly.
  · Information about fire - and explosion protection: No special measures required.
· Conditions for safe storage, including any incompatibilities
· Storage:
  · Requirements to be met by storerooms and receptacles: No special requirements.
  · Information about storage in one common storage facility: Not required.
  · Further information about storage conditions: None.
8 Exposure controls/personal protection

- Additional information about design of technical facilities: No further data; see section 7.
- Control parameters
- Ingredients with limit values that require monitoring at the workplace:
  The product does not contain any significant quantities of materials with critical values that have to be monitored at the workplace.
- Additional information:
  As a basis for the production of this document, the most current valid lists were used.
- Exposure controls
- Personal protective equipment:
  - General protective and hygienic measures: Wash hands before breaks and at the end of work.
  - Respiratory protection: Not required.
  - Protection of hands:
    The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
  - Gloves material:
    The selection of suitable gloves does not only depend on the material, but also on further marks of quality which may vary from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked before use.
- Eye protection: Not required.

9 Physical and chemical properties

- Information on basic physical and chemical properties
- General Information
- Appearance:
  - Form: Solid
  - Colour: White
- Odour:
  - Odour: Odourless
  - Odour threshold: Not determined.
- pH-value: Not applicable.
- Change in condition
  - Melting point/Melting range: Undetermined.
  - Boiling point/Boiling range: Undetermined.
- Flash point: Not applicable.
- Flammability (solid, gaseous): Not determined.
- Ignition temperature: Not applicable.
- Decomposition temperature: >300°C
- Self-igniting: Product is not self igniting.
- Danger of explosion: Product does not present an explosion hazard.
### 10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
  - No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
  - **LD/LC50 values relevant for classification:**
    - 108-31-6 maleic anhydride
      - Oral LD50: 400 mg/kg (rat)
      - Dermal LD50: 2620 mg/kg (rabbit)
- **Primary irritant effect:**
  - **On the skin:** No irritant effect.
  - **On the eye:** No irritant effect.
  - **Sensitization:** No sensitizing effects known.
12 Ecological information

- **Toxicity**
  - Acquatic toxicity: No further relevant information available.
  - Persistence and degradability: No further relevant information available.

- **Behaviour in environmental systems**: Bioaccumulative potential: No further relevant information available.

- **Mobility in soil**: No further relevant information available.

- **Ecotoxicological effects**
  - Remark: Harmful to fish

- **Additional ecological information**
  - General notes:
    - Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
    - Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
    - Harmful to aquatic organisms
  - Results of PBT and vPvB assessment
    - PBT: Not applicable.
    - vPvB: Not applicable.
  - Other adverse effects: No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
  - Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- **Uncleaned packaging**
  - Recommendation: Disposal must be made according to official regulations.

14 Transport information

- **Land transport ADR/RID (cross-border)**:
  - ADR/RID class: -

- **Maritime transport IMDG**:
  - IMDG Class: -
  - Marine pollutant: No

- **Air transport ICAO-TI and IATA-DGR**:
  - ICAO/IATA Class: -

- **UN "Model Regulation"**: -
- **Special precautions for user**: Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**: Not applicable.
Safety data sheet
according to 1907/2006/EC, Article 31

Trade name: Meltonix 1162-60PF

15 Regulatory information

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
  - H302 Harmful if swallowed.
  - H314 Causes severe skin burns and eye damage.
  - H317 May cause an allergic skin reaction.
  - H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
  - R22 Harmful if swallowed.
  - R34 Causes burns.
  - R42/43 May cause sensitisation by inhalation and skin contact.

- **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-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)
  - GHS: Globally Harmonized System of Classification and Labelling of Chemicals
  - LC50: Lethal concentration, 50 percent
  - LD50: Lethal dose, 50 percent