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

- **Product identifier**
  - Trade name: F190 (XP 3641/1) POLYOL
- **Relevant identified uses of the substance or mixture and uses advised against**
  - No further relevant information available.
- **Application of the substance / the mixture**
  - Polyurethane resin
- **Details of the supplier of the safety data sheet**
  - Manufacturer/Supplier:
    - AXSON FRANCE S.A.S. - Etablissement AXSON CERGY-PONTOISE
    - 15 Rue de l'Equerre - F-95310 SAINT OUEN L'AUERNOE
    - Tél.:+33 (0)1 34 40 34 60
- **Further information obtainable from:**
  - DPT HSE - (33) 01 34 40 34 60 - safety@axson.fr
- **Emergency telephone number:**
  - ORFILA : +33 (0)1 45 42 59 59

2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
  - Xn; Harmful
  - R65: Harmful: may cause lung damage if swallowed.
  - Xi; Irritant
  - R36: Irritating to eyes.

- **Label elements**
- **Labelling according to EU guidelines:**
  - The product has been marked in accordance with EU Directives / respective national laws.

- **Code letter and hazard designation of product:**

  ![Xn Harmful](image)

- **Hazard-determining components of labelling:**
  - Hydrocarbons, C12-C16, isoalkanes, cyclics, < 2% aromatics

- **Risk phrases:**
  - 36 Irritating to eyes.
  - 65 Harmful: may cause lung damage if swallowed.

- **Safety phrases:**
  - 23 Do not breathe gas/fumes/vapour/spray.
  - 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
  - 36/39 Wear suitable protective clothing and eye/face protection.
  - 60 This material and its container must be disposed of as hazardous waste.
  - 62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

(Contd. on page 2)
3 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description: Mixture of substances listed below with nonhazardous additions.

<table>
<thead>
<tr>
<th>CAS: 25214-63-5</th>
<th>Alcoxylated amine</th>
<th>25-50%</th>
</tr>
</thead>
<tbody>
<tr>
<td>NLP: 500-035-6</td>
<td>Xi R36</td>
<td></td>
</tr>
<tr>
<td>Reg.nr.: 01-2119471485-32</td>
<td>Éye Irrit. 2, H319</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EC number: 927-676-8</th>
<th>Hydrocarbons, C12-C16, isoalkanes, cyclics, &lt; 2% aromatics</th>
<th>10-25%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reg.nr.: 01-2119456377-30</td>
<td>Xn R65</td>
<td></td>
</tr>
<tr>
<td></td>
<td>R66</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Asp. Tox. 1, H304</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EC number: 920-901-0</th>
<th>Hydrocarbons, C11-C13, isoalkanes, &lt; 2% aromatics</th>
<th>2.5-10%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reg.nr.: 01-2119456810-40</td>
<td>Xn R65</td>
<td></td>
</tr>
<tr>
<td></td>
<td>R66</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Asp. Tox. 1, H304</td>
<td></td>
</tr>
</tbody>
</table>

- Additional information: For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- Description of first aid measures
- General information: Immediately remove any clothing soiled by the product.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- After swallowing: Do not induce vomiting; call for medical help immediately.
- 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

- Extinguishing media
- Suitable extinguishing agents: CO2, powder or water spray. Fight larger fires with water spray.
- Special hazards arising from the substance or mixture
  In case of fire, the following can be released:
  Carbon monoxide (CO)
  Nitrogen oxides (NOx)
- Advice for firefighters
- Additional information
  Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

(Contd. of page 1)
6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures
  Wear protective equipment. Keep unprotected persons away.
- Environmental precautions: Do not allow product to reach sewage system or any water course.
- Methods and material for containment and cleaning up:
  Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  Dispose contaminated material as waste according to item 13.
- 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.

7 Handling and storage

- Handling:
  - Precautions for safe handling
    Inform personnel of risks associated with the product, the precautions to be taken and procedures to follow where an accident occurs.
  - Information about fire - and explosion protection: Protect from heat.
- Conditions for safe storage, including any incompatibilities
  - Storage:
    - Requirements to be met by storerooms and receptacles:
      Use only receptacles specifically permitted for this substance/product.
    - Information about storage in one common storage facility: Store away from foodstuffs.
    - Further information about storage conditions:
      Keep receptacle tightly sealed.
      Protect from humidity and water.
      This product is hygroscopic.
    - Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

- Additional information about design of technical facilities: No further data; see item 7.
- Control parameters
  - Ingredients with limit values that require monitoring at the workplace:
    The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Exposure controls
  - Personal protective equipment:
    - General protective and hygienic measures:
      The usual precautionary measures are to be adhered to when handling chemicals. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.
      - Respiratory protection: Not necessary if room is well-ventilated.
9 Physical and chemical properties

- Information on basic physical and chemical properties
  - General Information
    - Appearance:
      - Form: Fluid
      - Colour: Beige
      - Odour: Characteristic
    - pH-value at 20 °C: NA
  - Change in condition
    - Melting point/Melting range: NA °C
  - Flash point: > 80 °C
  - Self-igniting: Product is not selfigniting.
  - Danger of explosion: Product does not present an explosion hazard.
  - Density at 20 °C: 0.99 g/cm³ (ISO 1675:1985)
  - Solubility in / Miscibility with
    water: Not miscible or difficult to mix.
  - organic solvents: Soluble in many organic solvents.
  - Other information: No further relevant information available.
10 Stability and reactivity

- Reactivity
- Chemical stability
- Thermal decomposition / conditions to be avoided:
  No decomposition if used according to specifications.
- Possibility of hazardous reactions Reacts with oxidizing agents.
- 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:
  - Primary irritant effect:
    - on the skin: No irritant effect.
    - on the eye: Irritating effect.
  - Sensitization: No sensitizing effects known.

12 Ecological information

- Toxicity
  - Aquatic toxicity: No further relevant information available.
  - Persistence and degradability: No further relevant information available.
  - Other information: The product is difficultly biodegradable.
  - Behaviour in environmental systems:
    - Bioaccumulative potential: No further relevant information available.
    - Mobility in soil: No further relevant information available.
- Additional ecological information:
  - General notes: At present there are no ecotoxicological assessments.
- 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
    Dispose of the product by burning in a suitable incinerator or bury in an approved landfield following all applicable local and/or national regulations.

- European waste catalogue
  - 20 01 27* paint, inks, adhesives and resins containing dangerous substances

- Uncleaned packaging:
  - Recommendation:
    Empty containers may not be disposed of unless any remaining material adhering to the internal walls has been removed.
Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 14.02.2014
Version number 2
Revision: 14.02.2014

Trade name: F190 (XP 3641/1) POLYOL

Disposal must be made according to official regulations.

14 Transport information

- UN-Number
  - ADR, IMDG, IATA: Void
  - UN proper shipping name: Void
  - ADR: Void
  - IMDG, IATA: Void
  - Transport hazard class(es)
    - ADR, IMDG, IATA: Void
    - Class: Void
    - Packing group: Void
    - ADR, IMDG, IATA: Void
    - Environmental hazards: Not applicable.
    - Special precautions for user: Not applicable.
    - Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.
    - Transport/Additional information: Not dangerous according to the above specifications.

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- National regulations:
  - Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.
  - 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
  - H304 May be fatal if swallowed and enters airways.
  - H319 Causes serious eye irritation.
  - R36 Irritating to eyes.
  - R65 Harmful: may cause lung damage if swallowed.
  - R66 Repeated exposure may cause skin dryness or cracking.
- * Data compared to the previous version altered.