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

- **Product identifier**
- **Trade name:** Nandrolone decanoate  
  Nandroloni decanoas
- **Article number:**  
  701467  
  103108
- **CAS Number:** 360-70-3
- **EINECS Number:** 206-639-3
- **Relevant identified uses of the substance or mixture and uses advised against**
  - **Application of the substance / the preparation** Pharma Active ingredients
- **Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:** Fagron UK Ltd  
    First Floor, 1 Pink Lane  
    Newcastle upon Tyne  
    England NE1 5DW
  - **Further information obtainable from:** Tel.: +44 (0) 845 652 2525
  - **Emergency telephone number:**  
    Emergency response telephone number:  
    +44 (0) 845 652 2525

2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
  - GHS08 health hazard
  - Carc. 2  H351    Suspected of causing cancer.
  - Repr. 1A H360+H362    May damage fertility or the unborn child. May cause harm to breast-fed children.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
  - T; Toxic
  - R60-61:    May impair fertility. May cause harm to the unborn child.
  - Xn; Harmful
  - R40:    Limited evidence of a carcinogenic effect.
  - R64:    May cause harm to breastfed babies.

- **Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
  The substance is classified and labelled according to the CLP regulation.
- **Hazard pictograms** GHS08
- **Signal word** Danger
- **Hazard-determining components of labelling:** Void
- **Hazard statements**
  - H351    Suspected of causing cancer.
  - H360+H362    May damage fertility or the unborn child. May cause harm to breast-fed children.

(Contd. on page 2)
Safety data sheet
According to 1907/2006/ EEC/ Article 31

Trade name: Nandrolone decanoate
Nandroloni decanoas

- Precautionary statements
  P263 Avoid contact during pregnancy/while nursing.
  P260 Do not breathe dust/fume/gas/mist/vapours/spray.
  P281 Use personal protective equipment as required.
  P308+P313 If exposed or concerned: Get medical advice/attention.
  P405 Store locked up.
  P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- Labelling according to EU guidelines:
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

- Code letter and hazard designation of product:
  T Toxic

- Risk phrases:
  60 May impair fertility.
  61 May cause harm to the unborn child.
  40 Limited evidence of a carcinogenic effect.
  64 May cause harm to breastfed babies.

- Safety phrases:
  53 Avoid exposure - obtain special instructions before use.
  45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

- Other hazards

- Results of PBT and vPvB assessment
  PBT: Not applicable.
  vPvB: Not applicable.

3 Composition/information on ingredients

- Chemical characterization: Substances
  Formula: C28H44O3   M: C28H44O3
  17ß-Hydroxy-19-nor-4-androsten-3-one-17ß-decanoate

- CAS No. Description
  360-70-3 Nandrolone decanoate
  Nandroloni decanoas

- Identification number(s)
  EINECS Number: 206-639-3

4 First aid measures

- Description of first aid measures
  General information: Immediately remove any clothing soiled by the product.
  After inhalation: Supply fresh air.
  After skin contact: Immediately rinse with water.
  After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
  After swallowing: Rinse out mouth and then drink plenty of water. Consult a doctor.
5 Firefighting measures

- Extinguishing media
  - Suitable extinguishing agents:
    CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Advice for firefighters
  - Protective equipment:
    Wear self-contained respiratory protective device.
    Wear fully protective suit.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures
  Wear protective equipment. Keep unprotected persons away.
  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:
  Pick up mechanically.
  Ensure adequate ventilation.
- 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
    Thorough dedusting.
    Ensure good ventilation/exhaustion at the workplace.
    Prevent formation of dust.
  - Information about fire - and explosion protection: Protect against electrostatic charges.
- 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:
    Store in cool, dry conditions in well sealed receptacles.
    Protect from exposure to the light.
    Store in cool, dry conditions in well sealed receptacles.
    Protect from heat and direct sunlight.
    2-8°C.

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: Not required.
Safety data sheet
According to 1907/2006/EEC/ Article 31

Trade name: Nandrolone decanoate
Nandroloni decanoas

- Additional information: The lists valid during the making were used as basis.

- Exposure controls
- Personal protective equipment:
- General protective and hygienic measures:
  Keep away from foodstuffs, beverages and feed.
  Immediately remove all soiled and contaminated clothing
- Respiratory protection:
  In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- Protection of hands:
  Protective gloves

- Material of gloves
  Rubber gloves
  PVC gloves
- Penetration time of glove material
  The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection:
  Tightly sealed goggles

- Body protection: Protective work clothing

9 Physical and chemical properties

- Information on basic physical and chemical properties
- General Information
- Appearance:
  Form: Solid
  Colour: Whitish
  Odour: Nearly odourless

- Change in condition
  Melting point/Melting range: > 35°C
  Boiling point/Boiling range: Undetermined.

- Flash point: Not applicable.

- Danger of explosion: Product does not present an explosion hazard.

- Density: Not determined.

- Solubility in / Miscibility with water: Insoluble.
Safety data sheet
According to 1907/2006/ EEC/ Article 31

Trade name: Nandrolone decanoate
Nandroloni decanoas

Other information
Practically insoluble in water; freely soluble in ETOH, Chloroform, Acetone, Dioxane and vegetable oils.

10 Stability and reactivity
- Reactivity
- Chemical stability
  - Thermal decomposition / conditions to be avoided: To avoid thermal decomposition do not overheat.
  - Possibility of hazardous reactions: No dangerous reactions known.
  - Hazardous decomposition products: -

11 Toxicological information
- Information on toxicological effects
  - Acute toxicity:
  - Specific symptoms in biological assay: Orl- mus TDL0: 57mg/kg/68-W-C: Neo (Nandrolone alcohol).
  - Primary irritant effect:
    - on the skin: Irritant to skin and mucous membranes.
    - on the eye: Irritating effect.
  - Sensitization: No sensitizing effects known.
  - Additional toxicological information:
    Category C: 3 Carc.Cat= Carcinogene
    Category R: 1F, 2E Repr.Cat= Reproductionstoxisch

12 Ecological information
- Toxicity
  - Aquatic toxicity: No further relevant information available.
  - Additional ecological information:
    - General notes:
      At present there are no ecotoxicological assessments.
      Do not allow product to reach ground water, water course or sewage system.
    - Results of PBT and vPvB assessment
      - PBT: Not applicable.
      - vPvB: Not applicable.

13 Disposal considerations
- Waste treatment methods
  - Recommendation: Must be specially treated adhering to official regulations.
- Uncleaned packaging:
  - Recommendation: Disposal must be made according to official regulations.
Safety data sheet
According to 1907/2006/ EEC/ Article 31

Trade name: Nandrolone decanoate
Nandroloni decanoas

(Contd. of page 5)

14 Transport information

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

- Maritime transport IMDG:
  - IMDG Class: -

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

- UN "Model Regulation": -
- Special precautions for user: Not applicable.
- Transport/Additional information: Not dangerous according to the above specifications.

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
  R 53
  R 45

- Department issuing MSDS:
  Fagron UK
  Quality Assurance
- Contact: elaine.mackie@fagron.co.uk
- 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)
  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)

* Data compared to the previous version altered.