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

1.1 Product identifier
Trade name: Intense

1.2 Relevant identified uses of the substance or mixture and uses advised against
Sector of Use
SU22  Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Application of the substance / the mixture
Dry-cleaning
Solvents

1.3 Details of the supplier of the safety data sheet
Manufacturer/Supplier:
SEITZ GmbH
Gutenbergstrasse 3
65830 Kriftel / Germany
Tel. + 49(0) 6192-9948-0
Fax + 49(0) 6192-9948-99
msds@seitz24.com
www.seitz24.com

Further information obtainable from: msds@seitz24.com

1.4 Emergency telephone number:
GIZ-Nord, Göttingen, Germany + 49 551 19240
(Member of EPECS)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008

GHS08 health hazard
Asp. Tox. 1  H304  May be fatal if swallowed and enters airways.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC
Xn; Harmful
R65:  Harmful: may cause lung damage if swallowed.

2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to the CLP regulation.

Hazard pictograms

GHS08

Signal word Danger

Hazard-determining components of labelling:
Hydrocarbons, C11-C14, isoalkanes, cyclics, < 2% aromatics

Hazard statements
H304 May be fatal if swallowed and enters airways.

Precautionary statements
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P331  Do NOT induce vomiting.

(Contd. on page 2)
Trade name: Intense

2.3 Other hazards
· Results of PBT and vPvB assessment
  · PBT: Not applicable.
  · vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures
· Dangerous components:
  | EC number: 927-285-2 | Hydrocarbons, C11-C14, isoalkanes, cyclics, < 2% aromatics | 50 - 75% |
  | Reg.nr.: 01-2119480162-45-xxxx | Xn R65 | R66 |
  | | Asp. Tox. 1, H304 |
· Regulation (EC) No 648/2004 - Labelling for contents
  | aliphatic hydrocarbons | ≥ 30% |
· Additional information For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures
· General information Immediately remove any clothing soiled by the product.
  · After inhalation
    Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
  · After skin contact
    Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.
  · 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. Do not induce vomiting; call for medical help immediately.
· 4.2 Most important symptoms and effects, both acute and delayed
  No further relevant information available.
· Information for doctor
  In case of swallowing followed by vomiting aspiration into lungs may occur, which may lead to chemical pneumonia or suffocation.
· 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
  CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· For safety reasons unsuitable extinguishing agents
  Water with full jet.
· 5.2 Special hazards arising from the substance or mixture
  Formation of toxic gases is possible during heating or in case of fire.
· 5.3 Advice for firefighters
  · Protective equipment:
    Do not inhale explosion gases or combustion gases. Wear self-contained respiratory protective device.
SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away.
Avoid contact with skin and eyes.
Ensure adequate ventilation
Do not breathe gases/ vapours.
Keep away from ignition sources

6.2 Environmental precautions:
Do not allow product to reach sewage system or any water course.

6.3 Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of the material collected according to regulations.

6.4 Reference to other sections
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
Keep away from heat and direct sunlight.
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
Avoid contact with eyes and skin.
Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).
Information about fire - and explosion protection:
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Formation of explosive vapour- / air mixture possible.

7.2 Conditions for safe storage, including any incompatibilities
Storage
Requirements to be met by storerooms and receptacles:
Store only in the original receptacle.
Provide solvent resistant, sealed floor.
Information about storage in one common storage facility: Store away from foodstuffs.
Further information about storage conditions:
Protect from heat and direct sunlight.
Store in cool, dry conditions in well sealed receptacles.
Store receptacle in a well ventilated area.
Protect from frost.
Time of storage: max. 24 month

7.3 Specific end use(s) Dry-cleaning

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

Additional information: The lists valid during the making were used as basis.
8.2 Exposure controls
- Personal protective equipment
- General protective and hygienic measures
  The usual precautionary measures are to be adhered to when handling chemicals.
  Keep away from foodstuffs, beverages and feed.
  Immediately remove all soiled and contaminated clothing.
  Do not eat, drink, smoke or sniff while working.
  Wash hands before breaks and at the end of work.
  Do not inhale gases / vapours / aerosols.
  Avoid contact with the eyes and skin.
- Respiratory protection:
  Use suitable respiratory protective device in case of insufficient ventilation (exceeding the workplace limit values, formation of aerosols).
  Filter A
- Protection of hands:
  Solvent resistant gloves
  The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- Material of gloves
  Nitrile rubber, NBR
  The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies 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 prior to the application.
- 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.
- As protection from splashes gloves made of the following materials are suitable:
  Nitrile rubber, NBR
  Recommended thickness of the material: $\geq 0.4$ mm
- Eye protection: Safety glasses
- Body protection: Protective work clothing

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- General Information
- Appearance:
  Form: Fluid
  Colour: Colourless
  Odour: Product specific
  Odour threshold: No further relevant information available.
- pH-value: Not applicable.
- Change in condition
  Melting point/Melting range: not applicable
  Boiling point/Boiling range: undetermined
- Flash point: 64 °C (EN 22719)
- Flammability (solid, gaseous) No further relevant information available.
- Ignition temperature: No further relevant information available.
- Decomposition temperature: No further relevant information available.

(Contd. on page 5)
### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
  Stable under normal ambient conditions.
  No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid**
  Protect from heat and direct sunlight.
  Keep away from ignition sources.
- **10.5 Incompatible materials:**
  Strong oxidizing agents
  Acids
  Lyes
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
  **Acute toxicity:**

<table>
<thead>
<tr>
<th>Toxicity</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral LD50</td>
<td>&gt; 5000 mg/kg (rat)</td>
</tr>
<tr>
<td>Dermal LD50</td>
<td>&gt; 5000 mg/kg (rabbit)</td>
</tr>
<tr>
<td>Inhalative LC50</td>
<td>&gt; 5 mg/l (rat)</td>
</tr>
</tbody>
</table>

- **Primary irritant effect:**
  - on the skin: No irritant effect.
  - on the eye: No irritating effect.
  - Sensitisation: No sensitising effects known.
Trade name: Intense

- Repeated dose toxicity: No further relevant information available.
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction): No further relevant information available.

SECTION 12: Ecological information

- 12.1 Toxicity
  - Aquatic toxicity:
    Hydrocarbons, C11-C14, isoalkanes, cyclics, < 2% aromatics
    EC50 (48h) > 1000 mg/l (Aquatic invertebrates)
    EC50 (72h) > 1000 mg/l (Aquatic plants, algae)
    LC50 (96h) > 1000 mg/l (Fish)

- 12.2 Persistence and degradability: No further relevant information available.
- 12.3 Bioaccumulative potential: No further relevant information available.
- 12.4 Mobility in soil: No further relevant information available.
- Additional ecological information:
  - General notes:
    Do not allow product to reach ground water, water course or sewage system.

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

- 12.6 Other adverse effects: No further relevant information available.

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
  - Recommendation: Disposal must be made according to official regulations.
  - Waste disposal key:
    The assignment of waste codes in accordance with European Waste Catalogue (EWC) is trade- and process-specific and has to be made in compliance with national and local regulations.

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

SECTION 14: Transport information

- 14.1 UN-Number
  - ADR, ADN, IMDG, IATA: Void

- 14.2 UN proper shipping name
  - ADR, ADN, IMDG, IATA: Void

- 14.3 Transport hazard class(es)
  - ADR, ADN, IMDG, IATA: Void
  - Class: Void

- 14.4 Packing group
  - ADR, IMDG, IATA: Void

(Contd. on page 7)
Safety data sheet
according to 1907/2006/EC, Article 31

Trade name: Intense
(Contd. of page 6)

- 14.5 Environmental hazards: Not applicable.
- 14.6 Special precautions for user: Not applicable.
- 14.7 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.
- UN "Model Regulation": -

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
  - National regulations
  - Other regulations, limitations and prohibitive regulations
  - Other information: Product is for professional use only.
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 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.
  R65 Harmful: may cause lung damage if swallowed.
  R66 Repeated exposure may cause skin dryness or cracking.

- 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)
  IMDG: International Maritime Code for Dangerous Goods
  IATA: International Air Transport Association
  GHS: Globally Harmonised System of Classification and Labelling of Chemicals
  EINECS: European Inventory of Existing Commercial Chemical Substances
  ELINCS: European List of Notified Chemical Substances
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
  LC50: Lethal concentration, 50 percent
  LD50: Lethal dose, 50 percent
  Asp. Tox. 1: Aspiration hazard, Hazard Category 1
- * Data compared to the previous version altered.