

## 13 D 13 SolvOrange



| Version: | Date:           | Changes:   |
|----------|-----------------|--|
| 2.5      | 19th June 2008  | Physical and chemical properties reworked  |
| 2.4      | 12th March 2004 | Conformity with Guideline 2001/58/EC, EmS-Coding Scheme, Section 1 Ingredient-, Composition- and Company-Information revised, revision control |
| 2.3      | 09th March 2004 | last version without declaration of changes  |

### 13.1 Ingredient-, Composition- and Company-Information

#### 13.1.1 Product name

D 13 SolvOrange

#### 13.1.2 Product usage description

SolvOrange is an orange-oil-based powerful cleaner for hands and instruments.

#### 13.1.3 Company name

ad-Arztbedarf GmbH, Gottlieb-Daimler-Str. 15, D – 50226 Frechen

#### 13.1.4 Telephone- and Emergency calls:

Tel.: +49 – 2234 – 956760

### 13.2 Composition/information on ingredients

**Characterization:** Mixture from isoparaffinic hydrocarbons, emulgator, orange- and citrus-terpenes.

### 13.3 Possible Hazards

Formation of inflammatory and explosive air mixtures possible. Potentially harmful to plastic and painted surfaces.

### 13.4 First – Aid Measures

After inhalation: Remove to fresh air and contact a physician if necessary.

After contact with eyes: Wash with water. Contact a physician if necessary.

After contact with skin: Flush with water, wash with soap. Remove contaminated clothing.

After ingestion: Immediately contact physician.

### 13.5 Fire fighting measures

Suitable fire extinguishing agents: Water, foam, dry media, carbon dioxide

Special endangerment: Flammable.

### 13.6 Measures on accidental or unintentional release

- Personal precaution: Keep away from fire. Ensure ventilation.
- Environment precaution: Prevent penetration in ground, drainage or open water.
- Clearing up: Pick up and dispose of carefully.

### 13.7 Handling and storage

- Safe handling: Keep containers closed.
- Fire protection: Keep away from ignition sources. No smoking. Formation of inflammatory evaporations possible if heated.
- Storage conditions: Store tightly closed in original container in cool, ventilated place. Solvent-steady floor covering recommended.

### 13.8 Explosion delimitation and personal protection

- Technical protection measures: None (according to most recent knowledge).
- Protective clothing: Eventually wear protective equipment.
- Breath, eyes, skin – protection: Eventually wear protective equipment for eyes and skin and respiratory protection. protection gloves should be solvent-steady.
- General measures: Do not eat, drink and smoke during work. Wash hands.

### 13.9 Physical and chemical properties

Shape: liquid Colour: clear, orange Odour: oranges

#### Safety-relevant data:

|                                      |                           |                                 |                              |
|--------------------------------------|---------------------------|---------------------------------|------------------------------|
| Solidification range:                | n.b. C                    | Solubility in water:            | fully miscible if emulsified |
| Boiling point:                       | 100 <sup>0</sup> C        | Viscosity at 20 <sup>0</sup> C: | unknown                      |
| Flash point:                         | 55 <sup>0</sup> C         | pH-Value at 20 <sup>0</sup> C:  | unknown                      |
| Vapor pressure at 50 <sup>0</sup> C: | n.b.                      | Lower Explosion Limit:          | 0,6 % by Volume              |
| Density at 20 <sup>0</sup> C:        | ca. 0,8 g/cm <sup>3</sup> | Upper Explosion Limit:          | 7 % by Volume                |

### 13.10 Stability and reactivity

No reactions when used, applied or stored as intended. Potentially harmful to plastic and painted surfaces, so solvent-steady materials are recommended for floor and surfaces.

### 13.11 Toxicity

- Acute oral LD<sub>50</sub>: > 4.000 mg/kg rat (math. calculation based on ingredients)
- Eye and skin irritation: Potentially harmful

### 13.12 Ecological information

Product is biologically degradable.

### 13.13 Disposal considerations

According to the national procedures.

### 13.14 Transport information

|                       |  |
|-----------------------|--|
| GGVSE:                | 3, VG III                                    |
| UN-No.:               | 1993 + white hazard warning label            |
| Declaration:          | inflammable liquid, n.a.g                    |
| IMDG-code:            | 3  |
| IMDG-pack-group:      | III  |
| EmS-Code:             | F-E, S-E                                     |
| Hazardous chemicals:  | etheric oils                                 |
| Dispatch information: | ship in UN-cardboard-boxes with hazard label |

### 13.15 Labeling information

Hazard warning sign: None required.

R – Phrases: None required.

S – Phrases: S 16 Keep away from sources of ignition. No smoking.  
S 26 In case of contact with eyes, rinse immediately with plenty  
of water and seek medical advice.  
S 51 Use only in well-ventilated areas.

*Water hazard class: 1 (self classification)*

### 13.16 Other information

CE-certified medical product.

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