

Safety data sheet
 according to EC 1907/2006

Printing date 25.01.2012




Version number 5

Revision 25.01.2012

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

- **Product identifier**
- **Brandname:** TASKI JONTEC FUTUR F1a
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the product:** Professional cleaning/maintenance product for building care.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
 Diversey BV
 Maarssenbroeksedijk 2
 3542 DN Utrecht, Netherlands
 Tel. +31 (0)30-2476911
 Email: MSDS.JD-NL@johnsondiversey.com
- **Information department:** Local Technical Centre
- **Emergency telephone number:** See section 16 of this sheet.

2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
- 
 C; Corrosive
 R35: Causes severe burns.
- 
 Xi; Irritant
 R37: Irritating to respiratory system.
- **Classification system:**
 The classification complies with current EC regulations on dangerous substances and preparations.
- **Label elements**
- **Labelling according to EU guidelines:**
 The product has been classified and labelled in accordance with current EC Directives.
- **Code letter and hazard designation of product:**
- 
 C Corrosive
- **Hazard-determining components of labelling:**
 sodium hydroxide
 2-aminoethanol
- **Risk phrases:**
 35 Causes severe burns.
 37 Irritating to respiratory system.
- **Safety phrases:**
 23 Do not breathe vapour.
 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 28 After contact with skin, wash immediately with plenty of water.
 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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- 51 Use only in well-ventilated areas.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture in water of non-dangerous ingredients and the substances listed below.

- **Hazardous ingredients:**

CAS: 1310-73-2 EINECS: 215-185-5	sodium hydroxide	C R35	5-15%
CAS: 141-43-5 EINECS: 205-483-3	2-aminoethanol	C R34; Xn R20/21/22; Xi R37	5-15%
CAS: 112-34-5 EINECS: 203-961-6	2-(2-butoxyethoxy)ethanol	Xi R36	< 5%
CAS: 28348-53-0 EINECS: 248-983-7	sodium cumenesulphonate	Xi R36	< 5%
EC number: Polymer	alkyl alcohol alkoxyate	Xi R36/38	< 5%

- **Additional information:** The full text of the relevant risk phrases is given in section 16.

4 First aid measures

- **Description of first aid measures**
- **General information:** Remove contaminated clothing immediately.
- **Inhalation:**
Remove from source of exposure. Obtain medical attention if symptoms develop.
In case of unconsciousness bring patient into stable side position for transport.
- **Skin contact:**
Wash skin immediately and thoroughly with water. Remove contaminated clothing.
Obtain medical attention if symptoms develop.
- **Eye contact:** Wash immediately with copious amounts of water and obtain medical attention.
- **Ingestion:**
Remove material from mouth. Drink one or two glasses of water or milk and obtain medical attention without delay.
- **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 media:**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.

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- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear suitable protective clothing, gloves and eye/face protection.
- **Environmental precautions:** Dilute with plenty of water.
- **Methods and material for containment and cleaning up:**
Use neutralizing agent.
Absorb onto dry sand or similar inert material.
- **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 information on disposal.

7 Handling and storage

- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Requirements for storage rooms and containers:** According to local legislation.
- **Storage in one common storage facility:** According to local legislation.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

1310-73-2 sodium hydroxide

WEL (Great Britain)	Short-term value: 2 mg/m ³
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141-43-5 2-aminoethanol

IOELV (Europe)	Short-term value: 7.6 mg/m ³ , 3 ppm Long-term value: 2.5 mg/m ³ , 1 ppm Skin
WEL (Great Britain)	Short-term value: 7.6 mg/m ³ , 3 ppm Long-term value: 2.5 mg/m ³ , 1 ppm Sk

112-34-5 2-(2-butoxyethoxy)ethanol

IOELV (Europe)	Short-term value: 101.2 mg/m ³ , 15 ppm Long-term value: 67.5 mg/m ³ , 10 ppm
WEL (Great Britain)	Short-term value: 101.2 mg/m ³ , 15 ppm Long-term value: 67.5 mg/m ³ , 10 ppm

- **Additional information:** The lists that were valid during the compilation were used as basis.

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- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures:**
 Keep away from foodstuffs, beverages and food.
 Take off immediately all contaminated clothing.
 Wash hands during breaks and at the end of the work.
 Do not inhale gases / fumes / aerosols.
 Avoid contact with the eyes and skin.
 Use only in well-ventilated areas.
- **Breathing equipment:**
 Personal protection is not normally required. However, inhalation of dust, vapour or aerosol should be avoided.
- **Protection of hands:**
 Chemical-resistant protective gloves made of butyl or nitrile rubber (EN 374, category III). In consultation with the supplier of protective gloves a different type of similar quality may be chosen.
- **Eye protection:** Tightly fitting safety glasses.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	Liquid
Colour:	Clear
	Uncoloured
- **Odour:** Characteristic
- **Odour threshold:** Not determined.
- **pH-value:** pH > 12.5 UMA B.II.a4
- **Change in condition**

Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined
- **Flash point:** Not applicable.
- **Ignition temperature:** Not determined.
- **Decomposition temperature:** Not determined.
- **Explosive properties:** Product is not explosive.
- **Critical values for explosion:**

Lower:	Not determined.
Upper:	Not determined.
- **Oxidising properties:** Not oxidising.
- **Vapour pressure:** Not determined.
- **Density at 20°C:** 1.07 g/cm³
- **Vapour density:** Not determined.
- **Evaporation rate:** Not determined.
- **Solubility in / Miscibility with**

Water:	Fully miscible
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- **Segregation coefficient (n-octanol/water):** Not determined.
- **Viscosity:**

dynamic:	Not determined.
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· **Other information**

No further relevant information available.

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10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** Reacts with acids.
- **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:**
- **LD50 (oral):**
Based on the toxicological classification the LD50 (oral) is estimated to be 200-2000 mg/kg.
This value is of no practical significance due to the corrosive nature of the product.
- **Primary irritant effect:**
- **skin contact:** Causes severe burns.
- **eye contact:** Causes severe or permanent damage.
- **inhalation:** Severe irritant, may cause pulmonary oedema.
- **ingestion:**
Causes severe burns.
Ingestion will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.
- **Additional toxicological information:**
EC classification:
Corrosive
Irritant
- **Sensitisation** No known effects.
- **Repeated dose toxicity** No known effects.
- **STOT-single exposure:** May cause respiratory irritation.
- **STOT-repeated exposure:** No known effects.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Classification:** This classification refers to the undiluted product.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **General notes:**
Must not reach sewage water or drainage ditch undiluted or unneutralized.
When used for its intended purpose this product should not cause adverse effects in the environment.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.

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- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Dispose of observing official regulations.

· **European waste catalogue:**

20 01 15*	alkalines
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- **Uncleaned packagings**
- **Recommendation:** Dispose of observing official regulations.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

14 Transport information

- **UN-Number**
- **ADR, IMDG, IATA** 1824
- **UN proper shipping name**
- **ADR** 1824 SODIUM HYDROXIDE SOLUTION
- **IMDG, IATA** SODIUM HYDROXIDE SOLUTION
- **Transport hazard class(es)**
- **ADR**



- **Class** 8 Corrosive substances.
- **Label** 8

· **IMDG, IATA**



- **Class** 8 Corrosive substances.
- **Label** 8
- **Packing group**
- **ADR, IMDG, IATA** II
- **Environmental hazards:**
- **Marine pollutant:** No
- **Kemler Number:** 80
- **EmS number:** F-A,S-B
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **Transport/Additional information:** Transport regulations include special provisions for certain classes of dangerous goods packed in limited quantities.

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- **ADR**
- **Tunnel restriction code** E

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **Ingredients according to EC Detergents Regulation 648/2004**

non-ionic surfactants	< 5%
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- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract.

- **Relevant phrases**

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R34 Causes burns.

R35 Causes severe burns.

R36 Irritating to eyes.

R36/38 Irritating to eyes and skin.

R37 Irritating to respiratory system.

- **Department issuing material safety data sheet:** Local Technical Centre

- **Contact:** Local Technical Centre

- **International references:**

- **MSDS code:** MSDS7449/NL

- **Version:** 5

- **MSDS review date:** 25.01.2012

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