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# MATERIAL SAFETY DATA SHEET

## ALKATECH C

### 1. IDENTIFICATION

|                                 |   |   |                         |                |
|---------------------------------|---|---|-------------------------|----------------|
| <b>Material</b>                 | : | <b>Sodium hydroxide Solution.</b>                   | <b>Chemical Formula</b> | :              |
| <b>Common Name</b>              | : | Caustic Soda Liquor.                                |                         |                |
| NaOH/H <sub>2</sub> O.          |   |   |                         |                |
| <b>UN No.</b>                   | : | 1824  | <b>CAS No.</b>          | : 1310-73-2    |
| <b>EC No.</b>                   | : | 215-185-5   | <b>EC Index no.</b>     | : 011-002-00-6 |
| <b>Supplier</b>                 | : | <b>Water Technology Limited</b>                     |                         |                |
| <b>Address</b>                  | : | <b>Togher Industrial Estate,<br/>Cork. Ireland.</b> |                         |                |
| <b>Emergency Telephone No.:</b> |   | <b>(021) 4965600</b>                                |                         |                |

### 2. COMPOSITION

Solution of Sodium Hydroxide in water.

### 3. HAZARDS IDENTIFICATION

Main Hazard - Corrosive (Strong Alkali). Has a strong corrosive action on all body tissues producing severe burns and frequently deep ulceration with subsequent scarring. The severity of damage depends on the concentration of the caustic and the duration of the exposure.

### 4. FIRST AID MEASURES

|                          |   |  |
|--------------------------|---|--|
| <b>Inhalation</b>        | : | Remove to fresh air, keep patient warm and administer oxygen if necessary. If respiration stops or shows signs of failing apply artificial respiration. Obtain medical attention urgently.   |
| <b>Skin Contact</b>      | : | Drench immediately with copious amounts of water. Remove contaminated clothing and continue washing the affected areas. Completely decontaminate clothing and shoes before reuse or disposal. If irritation persists or if blistering occurs obtain medical attention. |
| <b>Eye Contact</b>       | : | Immediately flood the eye with clean water for at least 15 minutes ensuring the corners and under both eyelids are adequately flushed. Obtain medical attention for all cases where contact with the eye occurs.   |
| <b>Ingestion</b>         | : | Do not induce vomiting. Provided the patient is conscious, wash out the mouth with water and give about 500 mls of water to drink. Obtain medical attention urgently. If milk is available, administer after the water.  |
| <b>Note to physician</b> | : | Symptomatic treatment and supportive therapy as indicated.   |

## 5. FIRE FIGHTING MEASURES

The material is non-combustible and non-explosive. Containers should be kept cool with water spray. Contact with certain metals, including brass, zinc and aluminium, can liberate hydrogen. Contact with certain organic compounds can produce violent or explosive reactions. Sodium oxide fumes can be generated by thermal decomposition at elevated temperatures. If electric arc welding or cutting, particular attention must be paid to the way the electrical circuit is completed to eliminate the possibility of producing Hydrogen through electrolysis of the liquor.

## 6. ACCIDENTAL RELEASE MEASURES

Refer to points No.8 and No.13 for information on personal protective equipment and disposal.

- Small Spillage** : Dilute and wash away with large amounts of water taking care to avoid splashing.
- Large Spillage** : Keep unauthorised personnel away from the immediate area. If appropriate inform the police, fire brigade, local authority and EPA. Contain the spillage using sand or earth for subsequent disposal. Keep away from drains and prevent from entering watercourse. (i.e. rivers, canals etc.).
- Neutralising agents** : Dilute Hydrochloric Acid (<10%), Sulphuric Acid (<10%)

## 7. HANDLING AND STORAGE

- 7.1 Handling** : Contact with eyes and skin must be avoided. Refer to point No. 8 for information on personal protective equipment. An emergency shower, eyewash station and water supply should be provided at locations where accidental exposure is foreseeable, e.g. at filling/discharge points.
- At concentrations greater than 33% there is a danger of the product freezing in cold weather and blocking pipelines. Measures should be taken to prevent this including lagging and heat tracing of the pipe work.

- 7.2 Storage** : Materials used in handling should be compatible with the product and advice should be sought in selection.
- Caustic Soda Liquor can be stored at ambient or slightly elevated temperatures (these are needed in the case of concentrated solutions) in mild steel tanks of welded construction. Where the liquor temperature is above 40°C for concentrations of 30 % or more or above 60°C for lower concentrations, tanks must be stress relieved. Apart from vent and overflow connections, tanks must be closed vessels and be banded.

Other suitable construction materials are stainless steel, nickel, rubber, epoxy coatings and certain plastics including PVC (subject to temperature limitations) and polypropylene. Unsuitable materials include aluminium, tin, zinc, zinc alloys, lead, lead alloys, brass and copper alloys. Following prolonged exposure in metal tanks, a black sludge will collect at the bottom of the tank. The sludge will contain iron and sodium carbonate.

At concentrations greater than 33% the product will freeze in cold weather. Recommended minimum storage temperatures are as follows:  
<30%: Ambient; 47%: 20°C; 50%: 25°C.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Direct contact with the skin must be prevented. The generation of mists in areas where ventilation is insufficient for removal should be avoided. As concentrated solutions (>33%) are liable to freeze in cold weather the minimum storage temperatures in point No. 7.2 should be adhered to.

**Occupational exposure limits**      **LTEL (8HR TWA)    2 mg/m<sup>3</sup>**

**Respiratory Protection**        :            Breathing apparatus should be worn if concentrations exceed the OEL due to inadequate ventilation of the work area.

**Hand Protection**                :            PVC or rubber gloves.

**Eye Protection**                 :            Close fitting chemical goggles.

**Skin Protection**                 :            Cotton or PVC overalls; PVC or rubber boots.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Colourless liquid.                      **Odour:** Odourless.                      **pH:** Approx. 14.

**Oxidising Properties:** Non-oxidising.                      **Solubility in water:** Completely Soluble.

**Evaporation rate:** Essentially zero.                      **Partition coefficient n-Octanol/water:** Essentially zero

**Flash Point/Flammability/Autoflammability/Explosive Properties:** Non-flammable. **Molecular Weight:** 40.01

|                                   |   |              |              |              |              |
|-----------------------------------|---|--------------|--------------|--------------|--------------|
| <b>Concentration</b>              | : | <b>15%</b>   | <b>30%</b>   | <b>47%</b>   | <b>50%</b>   |
| <b>Boiling Point (°C)</b>         | : | <b>105</b>   | <b>118</b>   | <b>140</b>   | <b>145</b>   |
| <b>Freezing Point</b>             | : | <b>-20</b>   | <b>+1</b>    | <b>+8</b>    | <b>+12</b>   |
| <b>Relative Density (at 20°C)</b> | : | <b>1.164</b> | <b>1.328</b> | <b>1.480</b> | <b>1.525</b> |
| <b>Viscosity (cP at 20°C)</b>     | : | <b>3.0</b>   | <b>16</b>    | <b>60</b>    | <b>80</b>    |

## 10. STABILITY AND REACTIVITY

While the solution is stable, carbon dioxide will be absorbed from the atmosphere to form sodium carbonate. When diluting concentrated solutions, considerable heat is generated which can cause caustic embrittlement of mild steel at temperatures of 60°C or more. The material reacts violently with acids, destroys wool and leather, and attacks aluminium, tin, zinc and alloys of these metals with the production of hydrogen gas. Violent or explosive reactions can occur with many organic compounds, such as nitroaromatic, nitroparaffin and organohalogen compounds, glycols and organic peroxides. While the solution does not itself polymerise, it will polymerise acetaldehyde, acrolein or acrylonitrile. A potential exists for the formation of carbon monoxide gas in closed equipment during cleaning with caustic soda solutions by reaction with certain sugars including fructose, galactose, arabinose, linalose, lactose, maltose and dry whey powder.

## 11. TOXICOLOGICAL INFORMATION

### Short Term Effects of Over Exposure:

**Inhalation**                        :            Mist may cause damage of the upper respiratory tract and even to the lung tissue depending on the severity of the exposure. Effects may vary from mild irritation of the mucous membranes of the nose to severe lung irritation.

**Skin Contact**                    :            A primary irritant that very rapidly destroys the tissue causing caustic burns, which are slow to heal and leave a scar.

**Eye Contact**                    :            Can cause severe damage with possible formation of corneal ulcers and permanently impaired or even loss of vision.

**Ingestion**                        :            Causes severe damage to the mucous membranes or deeper tissue of the mouth, throat, oesophagus and stomach and death may result from subsequent penetration into vital areas. The estimated fatal dose for man is 5g.

**Long Term Effects Of Over Exposure:** Acute effects predominate.

## 12. ECOLOGICAL INFORMATION

### Environmental Fate

Does not accumulate in the body, dissociates in water.





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### SAFETY DATA SHEET

**Product Name**  
CORROTECH CPN

**Chemical Characterisation**  
Corrosion inhibitor based on sulphite

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#### 1. PHYSICAL DATA

|                               |                          |
|-------------------------------|--------------------------|
| 1.1 Melting/softening point   | N/A                      |
| 1.2 Boiling point             | 103°C                    |
| 1.3 Decomposition temperature | N/A                      |
| 1.4 pH (10% solution)         | 5 - 8                    |
| 1.5 Solubility in water       | Complete                 |
| 1.6 Odour                     | Pungent, Sulphur dioxide |
| 1.7 Physical form (20°C)      | Liquid                   |
| 1.8 Vapour pressure (20°C)    | N/A                      |
| 1.9 Density (20°C)            | 1.23 - 1.25              |

---

#### 2. STORAGE STABILITY AND HANDLING

**2.1 Special precautions for storage and handling:**

Store in a well ventilated area away from oxidising agents. Keep well sealed. Handle containers with care.

**2.2 Incompatible substances:**

Oxidising agents.

**2.3 Hazardous decomposition products:**

N/A

**2.4 Hazardous reactions:**

Can react with oxidising material

**2.4.1 Preventive measures:**

Do not mix with any other chemical

**2.5 Protective measures: (as appropriate to quantity handled)**

Use goggles, gloves, and protective clothing. use self-contained breathing apparatus in confined spaces.

**2.6 Special protective measures:**

Use suitable dosing/pumping equipment where possible.

**2.7 Measures after spillage:**

Dilute small spillages with large amounts of water and rinse to drain. Contain large spillages by absorption with an inert material. (e.g. sand or earth)

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**2.8 Disposal**

In accordance with Local Authority standards

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**3. IGNITION AND COMBUSTION DATA**

**3.1 Flash point:** N/A

**3.2 Extinguishing media:** N/A

---

**3.3 Special fire precautions:**

N/A

---

**3.4 Special fire and explosion hazard:**

May evolve toxic fumes in fire

---

**4. TOXICOLOGICAL DATA**

**4.1 Acute toxicity data:** No evidence of carcinogenic, mutagenic or teratogenic effects.

Exposure limits OES mg/m<sup>3</sup> 5 SO<sub>2</sub> ( long term, 8 hour TWA)

LD50 oral (rat) : 2000 mg/Kg approx.

---

**4.2 Skin irritation:**

Extremely irritating

---

**4.3 Eye irritation:**

Extremely irritating

---

**4.4 Inhalation:**

Extremely irritating

---

**5. EMERGENCY AND FIRST AID PROCEDURES**

**5.1 Skin contact:**  
obtain

Drench the skin thoroughly with large amounts of water. Unless contact has been slight  
medical attention.

---

**5.2 Eye contact:**

Irrigate immediately with water for at least 10 minutes. Obtain medical attention.

---

**5.3 Swallowing:**

Wash out mouth thoroughly with water and give plenty of water to drink. Obtain medical  
attention.

---

**5.4 Inhalation:**

Remove from exposure. Rest and keep warm. In severe cases obtain medical attention.

---

**5.5 Clothing:**

Remove all contaminated clothing and launder before reuse.

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**6. ECOLOGICAL DATA ( guideline data )**

Harmful limits for fish: 40 - 180 mg/litre

bacteria: > 5g/litre

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**7. ADDITIONAL INFORMATION**

Critical ingredient.

Sodium hydrogen sulphite

UN No. 2693

CAS No. 7631-90-5

ADR Class. 8 45 b

Hazard symbol. 'X' IRRITANT

Risk phrase Nos. 36, 37, 38. 'Irritating to eyes, respiratory system and skin.

Safety phrase Nos .7,26 'Keep container tightly closed' - 'In case of contact with eyes rinse

immediately with plenty of water and seek medical attention '

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This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulations. The information contained herein is based on the present state of our knowledge.

18/8/99

\_\_\_\_\_  
DATE OF ISSUE

\_\_\_\_\_  
DATE OF REVISION



**water  
technology  
limited**

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## SAFETY DATA SHEET

**Product Name**  
SCALETECH L

**Chemical Characterisation**  
Scale inhibitor based on phosphates

---

### 1. PHYSICAL DATA

|                               |                  |
|-------------------------------|------------------|
| 1.1 Melting/softening point   | N/A              |
| 1.2 Boiling point             | Approx 103°C     |
| 1.3 Decomposition temperature | N/A              |
| 1.4 pH (1% solution)          | 5 - 8            |
| 1.5 Solubility in water       | Complete         |
| 1.6 Odour                     | Mild             |
| 1.7 Physical form (20°C)      | Liquid           |
| 1.8 Vapour pressure (20°C)    | N/A              |
| 1.9 Density (20°C)            | 1.20 - 1.23 g/ml |

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### 2. STORAGE STABILITY AND HANDLING

#### 2.1 Special precautions for storage and handling:

Store in designated storage area. Handle material in accordance with good industrial practices.

---

#### 2.2 Incompatible substances:

None

---

#### 2.3 Hazardous decomposition products:

N/A

---

#### 2.4 Hazardous reactions:

N/A

---

#### 2.4.1 Preventive measures:

N/A

---

#### 2.5 Protective measures:

Wear suitable eye/face protection, gloves and protective clothing when handling concentrate.

---

#### 2.6 Special protective measures:

Use suitable dosing/pumping equipment where possible.

---

**2.7 Measures after spillage:**

Dilute copiously with water and rinse away to appropriate discharge. Contain large spillages by absorption with an inert material (eg. sand, earth)

---

**2.8 Disposal**

In accordance with Local Authority Standards.

---

**3. IGNITION AND COMBUSTION DATA**

**3.1 Flash point:** Non flammable

**3.2 Extinguishing media:** N/A

---

**3.3 Special fire precautions:** N/A

---

**3.4 Special fire and explosion hazard:**

May evolve toxic fumes in fire.

---

**4. TOXICOLOGICAL DATA**

**4.1 Acute toxicity data:** Approximate figures based on phosphate content are:

ORAL LD<sub>50</sub> (Mice) = 24.1 g/kg

ORAL LD<sub>50</sub> (Rat) = 9.6 g/kg

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**4.2 Skin irritation:**

Slightly irritating to skin

---

**4.3 Eye irritation:**

Irritating to eyes

---

**4.4 Inhalation:**

N/A

---

**5. EMERGENCY AND FIRST AID PROCEDURES**

**5.1 Skin contact:**

Wash immediately with plenty of water

---

**5.2 Eye contact:**

Wash immediately with plenty of water and seek medical aid if irritation persists.

---

**5.3 Swallowing:**

Wash out mouth with water and give plenty of water to drink. (If patient is conscious).

Obtain immediate medical aid.

---

**5.4 Inhalation:**

N/A

---

**5.5 Clothing:**

Remove all contaminated clothing.

---

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**6. ECOLOGICAL DATA**

Hydrolysis in receiving waters to orthophosphate which may act as a plant nutrient and precipitate heavy metals.

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**7. ADDITIONAL INFORMATION**

Phosphate constituent:

CAS No.            68915-31-1

ADR CLASS        N/A

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26 - 5 - '90

\_\_\_\_\_  
DATE OF ISSUE

\_\_\_\_\_  
DATE OF REVISION

**TASKI**

## TENDER lift

Alkaline floor stripper

  
Diversey Lever

### Description

Alkaline-based stripper for removing polish and maintenance films from alkali-resistant hard floors.

### Key properties

- Highly alkaline
- Fast acting

### Benefits

- Quick removal of polish layers from alkali-resistant hard floors
- Very economical

### Use instructions

#### Dosage:

Min. dosage: 500 ml per 10 l water (5%)  
For tenacious build-up: Increase dosage up to 10%

#### Application:

Dose the product into the full water tank/bucket, apply the solution and allow to act for 5 mins. (do not allow the solution to dry). Then scrub the floor, wet vacuum the soiled solution and rinse thoroughly with clean water. Allow the floor to dry completely before recoating.

#### Important:

Do not use more than a 5% solution on linoleum. Test for colour-fastness in a small inconspicuous place before use.

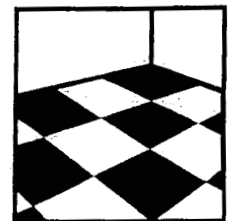
Do not use on alkali- and water sensitive floorings, e.g. cork, unsealed wood. Immediately remove any solution splashes from alkali-sensitive surfaces (e.g. wooden baseboards, painted/varnished surfaces) with a wet cloth.

### Technical data

- Appearance: clear, colourless liquid
- Relative density [20°C]: 1.10
- pH-value neat: 11.5 – 12.0

The above data is typical of normal production and should not be taken as a specification.

# F11



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## TENDER lift

### Safe handling and storage information

#### Safe handling:

Full guidance on the handling and disposal of this product is provided in a separate Material Safety Data Sheet.

Only for professional users / specialists.

#### Storage Information:

Store in original closed containers away from extremes of temperature.

### Environmental information

The surfactants used in this product are biodegradable in compliance with the requirement of EC Directives 73/404/EEC and 73/405/EEC and their subsequent amendments.

### Available pack sizes

| Article code | Pack size |
|--------------|-----------|
| 7508817      | 2x5L      |

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DiverseyLever (IRL)  
Jamestown Road  
Finglas  
Dublin 11  
Tel. 01 808 1808  
[www.diverseylever.com](http://www.diverseylever.com)

P00587IEEN-01

**Material Safety Data Sheet**  
According to 91/155 EC

Printing Date 11.04.2001

Reviewed on 10.04.2001

**1 Product and company identification**

- Brandname: TASKI TENDER LIFT F11
- Clearance code: DL10344
- Manufacturer/Supplier: DiverseyLever

Information department: DiverseyLever(Ireland )Limited, Jamestown  
Road, Finglas, Dublin 11. Tel: 00353 (0)1 8081808. .

Emergency information: As above, 9am-5pm (Mon-Fri). After hours emergency :  
National Poisons Centre, Beaumont Hospital, Dublin 9. Tel: 00353 (0)1  
8379964.

**2 Composition / Information on ingredients**

- Chemical characterization
  - Description:  
Mixture in water of non-dangerous ingredients and the substances listed below.
- |   |        |
|---|--------|
| Hazardous ingredients:                        |        |
| 6834-92-0 disodium metasilicate<br>C; R 34-37 | 5-15 % |
| 141-43-5 2-aminoethanol<br>Xn; R 20-36/37/38  | 5-15 % |
| 100-51-6 benzyl alcohol<br>Xn; R 20/22        | < 5 %  |
- Ingredients according to EC 89/542  
anionic surfactants, nitrotriactic acid < 5%

**3 Hazards identification**

- Classification: Xi Irritant
- Risk phrases: R 36/38 Irritating to eyes and skin.
- Classification system  
The classification complies with current EC regulations on dangerous substances and preparations.

**4 First aid measures**

- Inhalation  
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. Obtain medical attention if symptoms develop.

(Continued on page 2)

**Material Safety Data Sheet**  
According to 91/155 EC

Printing Date 11.04.2001

Reviewed on 10.04.2001

|  |   |
|--|---|
| <b>Brandname: TASKI TENDER LIFT F11</b>  |   |
| (Continued from page 1)  |   |
| <ul style="list-style-type: none"> <li>• Ingestion In case of persistent symptoms obtain medical attention.</li> </ul> |   |
| <b>5</b>   | <p><b><u>Fire fighting measures</u></b></p> <ul style="list-style-type: none"> <li>• Suitable extinguishing media<br/>CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.</li> <li>• Protective equipment: No special measures required.</li> </ul>   |
| <b>6</b>   | <p><b><u>Accidental release measures</u></b></p> <ul style="list-style-type: none"> <li>• Protection of personnel: Not required.</li> <li>• Environmental precautions: Dilute with plenty of water.</li> <li>• Method of disposal:<br/>Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).<br/>Dispose of the collected material according to the regulations.<br/>Use neutralizing agent.</li> </ul>  |
| <b>7</b>   | <p><b><u>Handling and storage</u></b></p> <ul style="list-style-type: none"> <li>• Handling (see also sections 8 and 15)</li> <li>• Information for safe handling:<br/>Use common rules for working with chemicals.</li> <li>• Information about protection against explosions and fires:<br/>No special measures required.</li> <li>• Storage</li> <li>• Requirements for storage rooms and containers:<br/>According to local legislation.</li> <li>• Storage in one common storage facility: According to local legislation.</li> <li>• Further information about storage conditions:<br/>Keep container tightly sealed.</li> </ul>  |
| <b>8</b>   | <p><b><u>Exposure controls and personal protection</u></b></p> <ul style="list-style-type: none"> <li>• Additional information about design of technical systems:<br/>No further data; see section 7.</li> <li>• Components with limit values that require monitoring at the workplace:<br/>141-43-5 2-aminoethanol (5-15%)<br/>OEL: Short-term value: 15 mg/m<sup>3</sup>, 6 ppm<br/>Long-term value: 7.8 mg/m<sup>3</sup>, 3 ppm</li> <li>• Additional information:<br/>The lists that were valid during the compilation were used as basis.</li> <li>• Personal protective equipment</li> <li>• General protective and hygienic measures<br/>Keep away from foodstuffs, beverages and food.</li> </ul> <p style="text-align: right;">(Continued on page 3)</p> |

**Material Safety Data Sheet**  
According to 91/155 EC

Printing Date 11.04.2001

Reviewed on 10.04.2001

**Brandname: TASKI TENDER LIFT F11**

(Continued from page 2)

Take off immediately all contaminated clothing.  
Wash hands during breaks and at the end of the work.  
Avoid contact with the eyes and skin.

- Breathing equipment: Personal protection is not normally required.
- Protection of hands: Protective gloves.
- Eye protection: Safety glasses recommended during refilling.

**9 Physical and chemical properties**

- Form: Liquid
- Colour:  
Clear  
Colourless
- Odour: Characteristic
- Value/Range Unit Method
- Change in condition
- Melting point/Melting range: Not determined
- Boiling point/Boiling range: Not determined
- Flash point: Not applicable
- Spontaneous combustion: Product is not self igniting.
- Danger of explosion: Product is not explosive.
- Density at 20 ° C 1.10 g/cm<sup>3</sup>
- Solubility in / Miscibility with
- Water: Fully miscible
- pH-value: 11.5 < pH <= 12.0

**10 Stability and reactivity**

- Thermal decomposition / conditions to be avoided:  
No decomposition if used according to specifications.
- Dangerous reactions Exothermic reaction with acids.
- Hazardous decomposition products:  
No dangerous decomposition products known

**11 Toxicological information**

- Acute toxicity:
- Primary irritant effect:
- on the skin: Irritant to skin and mucous membranes.
- on the eye: Irritant effect.
- Sensitization: No sensitizing effect known.
- Additional toxicological information:  
EC classification:

(Continued on page 4)

**Material Safety Data Sheet**  
According to 91/155 EC

Printing Date 11.04.2001

Reviewed on 10.04.2001

|   |   |
|---|---|
| <b>Brandname: TASKI TENDER LIFT F11</b> |   |
| Irritant                                | (Continued from page 3)   |
| <b>12</b>                               | <b><u>Ecological information</u></b>  |
|   | <ul style="list-style-type: none"> <li>• General notes:<br/>The product does not contain materials which are known to have harmful effects on the environment.</li> </ul>   |
| <b>13</b>                               | <b><u>Disposal considerations</u></b>   |
|   | <ul style="list-style-type: none"> <li>• Product:</li> <li>• Recommendation<br/>Must not be disposed of together with domestic waste. Do not allow undiluted product to reach sewage system.</li> <li>• Uncleaned packagings:</li> <li>• Recommendation: Dispose of observing official regulations.</li> <li>• Recommended cleaning agent: Water, if necessary with cleaning agent.</li> </ul>  |
| <b>14</b>                               | <b><u>Transport information</u></b>   |
|   | <ul style="list-style-type: none"> <li>• Land transport ADR/RID (cross-border)</li> <li>• ADR/RID-GGVS/E Class: -</li> </ul>  |
| <b>15</b>                               | <b><u>Regulatory information</u></b>  |
|   | <ul style="list-style-type: none"> <li>• Classification according to EC guidelines:<br/>The product has been classified and labelled in accordance with current EC Directives.</li> <li>• Symbol and hazard designation of product: Xi Irritant</li> <li>• Risk phrases: 36/38 Irritating to eyes and skin.</li> <li>• Safety phrases:<br/>26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.<br/>37 Wear suitable gloves.</li> </ul> |
| <b>16</b>                               | <b><u>Other information</u></b>   |
|   | 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.   |

**TASKI**

## TENDER poly

Universal high gloss floor polish

### Description

Universal floor polish for the majority of non-porous hard floors, e.g. vinyl, linoleum, terrazzo, thermoplastic, asphalt, sealed wood and concrete.

### Key properties

- Produces a protective, wear resistant layer
- Resistant to traffic marks
- Provides a high gloss

### Benefits

- Long finish durability
- Responds well to buffing; most traffic marks are easily removed by buffing
- Slip resistant

### Use instructions

#### Dosage:

The product is ready to use; apply undiluted.

#### Application:

Sparingly pour the product onto the floor and evenly spread it while still wet with a polish applicator in overlapping lanes of 1-1.5m. Allow to dry completely before applying additional coats. Apply two coats to non-porous, smooth floors. Three coats are usually sufficient for porous floors.

Linoleum: After the first coat has dried, smooth the linoleum floor with a single disc machine equipped with a red pad, then damp mop and allow to dry completely before applying additional coats.

#### Important:

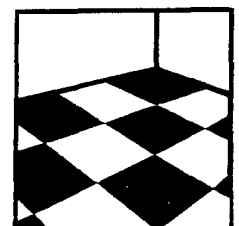
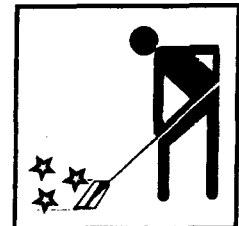
Apply product only on stripped, thoroughly rinsed and completely dry floors. Do not dilute or mix with other substances. Do not store or use at temperatures below 5°C. Do not use on structured plastic (cushioned vinyl), unsealed wood or cork floors. Seek advice for use on profiled/studded rubber floors. Do not use outdoors or in wet zones..

### Technical data

- |                            |                      |
|----------------------------|----------------------|
| ■ Appearance:              | white, opaque liquid |
| ■ Relative density [20°C]: | 1.03                 |
| ■ pH-value:                | 8.0 - 8.5            |

The above data is typical of normal production and should not be taken as a specification.

# F12



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## TENDER poly

### Safe handling and storage information

#### Safe handling:

Full guidance on the handling and disposal of this product is provided in a separate Material Safety Data Sheet.

Only for professional users / specialists.

#### Storage Information:

Store in original closed containers away from extremes of temperature.

### Available pack sizes

| Article code | Pack size |
|--------------|-----------|
| 7508818      | 2x5L      |

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**DiverseyLever (IRL)**  
Jamestown Road  
Finglas  
Dublin 11  
Tel. 01 808 1808  
[www.diverseylever.com](http://www.diverseylever.com)

**Material Safety Data Sheet**  
According to 91/155 EC

Printing Date 12.04.2001

Reviewed on 11.04.2001

**1 Product and company identification**

- Brandname: TASKI TENDER POLY F12
- Clearance code: DL10403
- Manufacturer/Supplier: DiverseyLever  
Information department: DiverseyLever(Ireland ) Limited, Jamestown Road, Finglas, Dublin 11. Tel: 00353 (0)1 8379964.
- Emergency information: As above, 9am-5pm (Mon-Fri). After hours emergency: National Poison Centre, Beaumont Hospital, Dublin 9. Tel: 00353 (001 8379964.

**2 Composition / Information on ingredients**

- Chemical characterization
- Description:  
Mixture in water of non-dangerous ingredients and the substances listed below.  
Hazardous ingredients:  
111-90-0 2-(2-ethoxyethoxy) ethanol 5-15 %  
Xi; R 36
- Ingredients according to EC 89/542  
non-ionic surfactants < 5%  
preservatives

**3 Hazards identification**

- Classification:  
void
- Risk phrases: void
- Classification system  
The classification complies with current EC regulations on dangerous substances and preparations.

**4 First aid measures**

- General information No special measures required.
- Inhalation  
Remove from source of exposure. Obtain medical attention if symptoms develop.
- Skin contact Not applicable.
- Eye contact Wash immediately with copious amounts of water.
- Ingestion In case of persistent symptoms obtain medical attention.

**5 Fire fighting measures**

- Suitable extinguishing media  
CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

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(Continued from page 1)

- Protective equipment: No special measures required.

**6 Accidental release measures**

- Protection of personnel: Not required.
- Environmental precautions: No special measures required.
- Method of disposal:  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of the collected material according to the regulations.
- Additional information: No dangerous materials are released.

**7 Handling and storage**

- Handling (see also sections 8 and 15)
- Information for safe handling:  
Use common rules for working with chemicals.
- Information about protection against explosions and fires:  
No special measures required.
- Storage
- Requirements for storage rooms and containers: No special requirements.
- Storage in one common storage facility: Not required.
- Further information about storage conditions: None.

**8 Exposure controls and personal protection**

- Additional information about design of technical systems:  
No further data; see section 7.  
  
Components 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.
- Additional information:  
The lists that were valid during the compilation were used as basis.
- Personal protective equipment
- General protective and hygienic measures  
The usual precautionary measures for handling chemicals should be complied with.
- Breathing equipment: Personal protection is not normally required.
- Protection of hands: Not required.
- Eye protection: Safety glasses recommended during refilling.

**9 Physical and chemical properties**

- Form: Liquid
- Colour:

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**Material Safety Data Sheet**  
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White

Opaque

- Odour: Characteristic

•

Value/Range Unit Method

- Change in condition

- Melting point/Melting range: Not determined

- Boiling point/Boiling range: 100 ° C

- Flash point: Not applicable

- Spontaneous combustion: Product is not self igniting.

- Danger of explosion: Product is not explosive.

- Density at 20 ° C 1.03 g/cm<sup>3</sup>

- Solubility in / Miscibility with

- Water: Emulsifiable

- pH-value: 8.0 < PH <= 8.5

**10 Stability and reactivity**

- Thermal decomposition / conditions to be avoided:  
No decomposition if used according to specifications.
- Dangerous reactions No dangerous reactions known
- Hazardous decomposition products:  
No dangerous decomposition products known

**11 Toxicological information**

- Acute toxicity:
- Primary irritant effect:
  - on the skin: Unlikely to be irritant in normal use.
  - on the eye: Unlikely to be irritant in normal use.
- Sensitization: No sensitizing effect known.
- Additional toxicological information:  
The product is not subject to classification under the EC Dangerous Substances and Preparations Directives.  
When used and handled according to instructions, the product is unlikely to have any harmful effects.

**12 Ecological information**

- General notes:  
The surfactants used in this product are biodegradable in compliance with the requirements of EC Directives 73/404/EEC and 73/405/EEC and their subsequent amendments.

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(Continued from page 3)

**13** Disposal considerations

- Product:
- Recommendation Smaller quantities can be disposed with domestic waste.
- Uncleaned packagings:
- Recommendation: Dispose of observing official regulations.

**14** Transport information

- Land transport ADR/RID (cross-border)
- ADR/RID-GGVS/E Class: -

**15** Regulatory information

- Classification according to EC guidelines  
Non-dangerous according to the guidelines of the relevant EC Directives.

**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.

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