

**Safety data sheet**  
 according to EC 1907/2006

Printing date 01.11.2011


Version number 3

Revision 01.11.2011

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

- **Product identifier**
- **Brandname:** SUMA NOVA PUR ECO L6
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the product:** Professional kitchen hygiene product.
- **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.
- **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
- **Risk phrases:**  
 35 Causes severe burns.
- **Safety phrases:**
  - 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).
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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### 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	sodium hydroxide	C R35	15-30%
EINECS: 215-185-5			

- **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:** 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:**  
CO<sub>2</sub>, 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.
- **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.

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### 7 Handling and storage

- **Precautions for safe handling** Use common rules for working with chemicals.
- **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:** None.
- **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:**

<b>1310-73-2 sodium hydroxide</b>
WEL (Great Britain) Short-term value: 2 mg/m <sup>3</sup>

- **Additional information:** The lists that were valid during the compilation were used as basis.
- **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.
  - Avoid contact with the eyes and skin.
- **Breathing equipment:** Personal protection is not normally required.
- **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:**

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

<b>Melting point/Melting range:</b>	Not determined
<b>Boiling point/Boiling range:</b>	Not determined
- **Flash point:** Not applicable.
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** Not determined.

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- **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:** 1.27 g/cm<sup>3</sup>
- **Vapour density:** Not determined.
- **Evaporation rate:** Not determined.
- **Solubility in / Miscibility with Water:** Fully miscible
- **Segregation coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
  - dynamic:** Not determined.
- **Other information** No further relevant information available.

### 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
- **Sensitisation** No known effects.
- **Repeated dose toxicity** No known effects.

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- **STOT-single exposure:** No known effects.
- **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.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **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** UN1824
- **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.

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· <b>Label</b>	8
· <b>Packing group</b>	
· <b>ADR, IMDG, IATA</b>	II
· <b>Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <b>Kemler Number:</b>	80
· <b>EmS number:</b>	F-A,S-B
· <b>Segregation groups</b>	Alkalis
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	Transport regulations include special provisions for certain classes of dangerous goods packed in limited quantities.
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· <b>ADR</b>	
· <b>Tunnel restriction code</b>	E

### 15 Regulatory information

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

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

polycarboxylates, phosphonates

< 5%

· **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**

R35 Causes severe burns.

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

· **Contact:** Local Technical Centre

· **International references:**

· **MSDS code:** MSDS6801/NL

· **Version:** 3

· **MSDS review date:** 01.11.2011

· \* Revisions are indicated by an asterisk (\*) in the margin.

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