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## **Safety Data Sheet**

**according to EC 1907/2006**

Date of printing: 09.08.2011

Revision: 09.08.2011

Version number 3

DR

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

· **Product details**

· **Trade name: CIPTON VC151 HD**

· **Relevant identified uses of the substance or mixture and uses advised against**

· **Application of the product:**

Professional reinigings-/onderhoudsmiddel for food and beverage industry.

· **Details of the supplier of the safety data sheet**

· **Manufacturer / Supplier:**

Diversey BV

Maarssenbroeksedijk 2

3542 DN Utrecht, Netherlands

Tel. 030-2476911

Email: MSDS.JD-GB @ diversey.com

· **Information department:** JohnsonDiversey Technical Centre

· **Emergency telephone number:**

See above information. In case of accidental poisoning can be contacted:

NVIC, Tel 030-2748888 (Only by a doctor, outside office hours)

### **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 is according to the latest editions of international substances lists, and expanded using company data and specialized literature of the company.

· **Label elements**

· **Labelling according to EU guidelines:** The product is according to the EC Directives on Hazardous Materials.

· **Code letter and hazard designation of product:**

C Corrosive

· **Hazard-determining components of labeling:**

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 obtain.*

28

*After contact with skin, wash immediately with plenty of water.*

*36/37/39 Wear suitable protective clothing, gloves and protection for the eyes / face.*

45

*In case of accident or if you feel unwell, seek medical advice immediately (where possible this label).*

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· **Other hazards**

· **Results of PBT and vPvB assessment**

**PBT:** Not applicable.

· **VPvB:** Not applicable.

**3 Composition and information on ingredients**

· **Chemical characterization: Mixtures**

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

CAS: 1310-73-2

EINECS: 215-185-5

sodium hydroxide

C R35

15-30%

CAS: 08/02/64

EINECS: 200-573-9

Tetrasodium ethylenediaminetetraacetate

R22 Xn, Xi R41 <5%

CAS: 140-01-2

EINECS: 205-391-3

diethylene triamine penta sodium

Xi R36

<5%

CAS: 111905-54-5  
EINECS: Polymer  
alkylalcoholalkoxylaar  
Xi R38, R50 N  
<5%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

#### **4 First aid measures**

· **Description of first aid measures**

· **General information:** Immediately remove contaminated clothing.

· **After inhalation:** In case of unconsciousness the person down and transport in stable sideways position.

· **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 and consult a doctor.

· **After swallowing:** Rinse out mouth. Drink one or two glasses of water or milk and seek medical advice.

· **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 Fire fighting measures**

· **Extinguishing**

· **Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray 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.

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#### **6 Measures Accidental release of the substance or mixture**

· **Personal precautions, protective equipment and emergency procedures**

Wear protective clothing, gloves and eye / face protection to persons

distance.

- **Environmental precautions:** Dilute with much water.

- **Measures for cleaning methods and materials:**

Use neutralizing agent.

Absorb with sand or other inert material.

- **Reference to other sections**

Information on safe handling - see Chapter 7.

Information on personal protection equipment - see Section 8.

Information on disposal - see section 13.

## **7 Handling and storage**

- **Precautions for safe handling of the substance or mixture**

General rules for working with chemicals.

- **Information about protection against explosions and fires:** No special measures required.

- **Conditions for safe storage, including any incompatibilities**

- **Requirements to be met by storerooms and receptacles:**

Refer to the PGS / CPR According to local regulations.

- **Information about storage in one common storage facility:** PGS / CPR According to local regulations.

- **Further information about storage conditions:** None

- **Specific end use** No further relevant information available.

## **8 Exposure Exposure controls / personal protection**

- **Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:** Not required

The product does not contain any relevant quantities of materials with respect to the workplace in terms monitored at the workplace.

- **Additional information:** Based on lists that were valid during compilation.

- **Measures to control exposure**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing immediately.

Before breaks and at the end of work wash hands.

Avoid contact with eyes and skin.

- **Respiratory protection:** In normal use, no special measures are required.

- **Protection of hands:**

Butyl or nitrile chemical-resistant gloves category III according to EN 374. In consultation with the supplier of protective gloves a different type of similar quality can be selected.

- **Eye protection:** Tightly sealed goggles.

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**9 Physical and chemical properties**

· **Information on basic physical and chemical properties.**

· **General information.**

· **Appearance:**

**Form:**

Liquid.

**Colour:**

opaque

brown

· **Odour:**

characteristic.

· **Odour threshold:**

Not determined.

· **PH-value:**

pH > 12.5

· **Change.**

**Melting point / melting range:**

Not determined.

**Boiling point / boiling range:**

Not determined.

· **Flash point:**

Not applicable.

· **Flammability (solid, gaseous):**

Not applicable.

· **Ignition temperature:**

Not determined.

· **Decomposition temperature:**

Not determined.

· **Explosive properties:**

The product is not explosive.

· **Critical values for explosion:**

**Lower:**

Not determined.

**Upper:**

Not determined.

· **Oxidizing properties:**

Not oxidizing.

· **Vapour pressure:**

Not determined.

· **Density at 20 ° C:**

1.37 g / cm<sup>3</sup>

· **Vapour density:**

Not determined.

· **Evaporation rate:**

Not determined.

· **Solubility in / Miscibility with Water:**

completely 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 conditions of temperature and pressure during storage and handling.

· **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 hazardous decomposition products known.

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## **11 Toxicological information**

· **Information on toxicological effects:**

· **Acute toxicity:**

· **LD50 (oral):**

Based on the toxicological classification the estimated value of the LD50 (oral) 200-2000 mg / kg.

This value is no practical significant due to the corrosive properties of the product.

- **Primary irritant effect:**
- **Skin contact:** Causes severe burns.
- **Eye contact:** Causes severe or permanent damage.
- **Inhalation:** Severe irritant, may cause pulmonary edema.
- **Ingestion:**

Causes severe burns.

Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

- **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines

for Preparations as issued in the latest version of the following hazards:

Corrosive

- **Sensitization:** No effects known.
- **Repeated dose toxicity:** No effects known.
- **STOT single exposure:** None known.
- **STOT repeated exposure:** None known.

## 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 information:**

Must not allow undiluted product or non-neutralized water course or drainage discharged.

- **Results of PBT and vPvB assessment**

**PBT:** Not applicable.

- **VPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

## 13 Disposal

- **Waste treatment methods**

- **Recommendation:** Disposal according to official regulations.

- **European waste catalog**

20 01 15 \* alkalines

- **Uncleaned packagings**

- **Recommendation:** Disposal according to official regulations.

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· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

**14 Information relating to the transport**

· **Land transport ADR / RID (cross-border)**

· **ADR / RID class:**

8 Corrosive substances

· **Danger code**

80

· **UN Number:**

1,824

· **Packaging group:**

II

· **Label**

8

· **Proper shipping name**

**Model UN:**

1824 SODIUM HYDROXIDE SOLUTION

· **Maritime transport IMDG:**

· **IMDG Class:**

8

· **UN Number:**

1,824

· **Label**

8

· **Packaging group:**

II

· **EmS Number:**

FA, SB

· **Marine pollutant:**

No

· **Segregation groups**

Alkalis

· **Proper shipping name:**

SODIUM HYDROXIDE SOLUTION

· **Air transport ICAO-TI and IATA-DGR:**

· **ICAO / IATA Class:**

8

· **UN / ID Number:**

1,824

· **Label**

8



· **Packaging group:**

II

· **Proper shipping name:**

SODIUM HYDROXIDE SOLUTION

· **Transport / Additional information:**

*Transport regulations include special provisions for certain classes of dangerous goods packed in limited quantities.*

· **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.**

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**15 Regulatory**

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

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

*anionic surfactants, non-ionic surfactants, EDTA and salts thereof, phosphonates*

*<5%*

*Benzisothiazolinone*

· **Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

\*

**16 Other Information**

*The data are based on our present state of our knowledge. However, this shall not constitute a guarantee*

*product features and shall not establish a legally valid contractual relationship.*

· **Relevant phrases**

*R22 Harmful if swallowed.*

*R35 Causes severe burns.*

*R36 Irritating to eyes.*

*R38 Irritating to skin.*

*R41 Risk of serious damage to eyes.*

*R50 Very toxic to aquatic organisms.*

· **The information comes from the department:** *JohnsonDiversey Technical Centre*

- **Contact person solely for information on the MSDS:** JohnsonDiversey Technical Centre
- **International reference:** MSDS6366 (14-Mar-2010), FM005070
- **MSDS Version:** 3
- **Revision Date:** 09.08.2011
- **\* Changes against the previous version are highlighted in the margin with an asterisk (\*)**