

# SAFETY DATA SHEET

according to 1907/2006/EC

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**JohnsonDiversey**

**JohnsonDiversey UK Limited**

Weston Favell Centre Northampton NN3 8PD Tel 01604 405311 Fax 01604 406809 Emergency Call 0800 052 0185

E-Mail: MSDSinfoUK@johnsondiversev.com

Clearance Code  
**DL10438**

**DEOSAN RED LABEL HYPOCHLORITE AG311**  
Professional cleaning/maintenance product for the agricultural sector.

Product Code  
**MSDS6341**

TO :

## 2. HAZARDS IDENTIFICATION

Corrosive - causes burns.  
Very toxic to aquatic organisms.  
Contact with acids liberates toxic gas.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS.

CAS No	EINECS No			
7681-52-9	231-668-3	Sodium Hypochlorite	C, N: R31-34-50	(5-15%)

Ingredients according to EC 648/2004:  
5% to 15% : Chlorine based bleaching agents  
Full text of risk phrases are given in section 16.

## 4. FIRST AID MEASURES

**Eyes :** Rinse immediately with copious amounts of water, holding the eyelids open and obtain immediate medical attention.  
**Inhalation :** Remove from source of vapour or spray mist and seek immediate medical attention.  
**Skin :** Flush the contaminated area with running water, remove contaminated clothing and wash before re-use. If irritation persists or there is any sign of tissue damage seek medical advice.  
**Ingestion :** Remove product from mouth, give the casualty a small quantity of water to drink and obtain immediate medical attention. Do not induce vomiting.

## 5. FIRE FIGHTING MEASURES

NON FLAMMABLE - In the event of a fire due to other causes the product is compatible with water, foam, carbon dioxide and dry powder extinguishers. May evolve toxic fumes if involved in a fire. Firefighters should wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

## 6. ACCIDENTAL RELEASE MEASURES

Wear suitable gloves and eye/face protection. Wear suitable respiratory protection. Hose away with plenty of water diluting to at least 1% w/v (10 g/litre) unless this would contaminate a water course or vegetation, in which case either collect, dilute as earlier and pour down wastewater drain (foul sewer) or absorb onto dry sand or similar material and dispose of to a licensed waste management company.

## 7. HANDLING & STORAGE

Avoid contact with skin, eyes and clothing. Do not breathe vapour or spray mist. Wear suitable gloves and eye/face protection. Do not mix with any other chemicals other than as advised by your JohnsonDiversey representative Do not mix with acids.  
Store upright in original closed containers in a cool place out of direct sunlight, ensuring that the vents remain effective. Keep away from acids.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

**Hand :** Use gloves resistant to sodium hypochlorite.  
**Eyes :** When handling neat product wear eye/face protection to EN 166.  
**Skin :** Wear protective overalls or bib resistant to alkalis.  
**Respiration :** Personal protection is not normally required unless a risk assessment indicates the need for it.

## 9. PHYSICAL & CHEMICAL PROPERTIES

**Appearance :** Clear pale green liquid. **Odour :** Chlorine like.

pH : >12.5 Solubility : Miscible with water  
Density : 1.18 g/cm<sup>3</sup>

## 10. STABILITY & REACTIVITY

Keep away from acids. Contact with acids liberates chlorine. Hazardous decomposition products may include chlorine.

## 11. TOXICOLOGICAL INFORMATION

**Eyes :** Corrosive - Causes severe or permanent damage.  
**Skin :** Corrosive - causes burns.  
**Inhalation :** Inhalation of use solutions in spray mist form will cause immediate irritation of the respiratory tract.  
**Ingestion :** Corrosive - Strong caustic effect on mouth and throat and danger of perforation to oesophagus and stomach.

## 12. ECOLOGICAL INFORMATION

Very toxic to aquatic organisms. The classification of the product is due to the component(s) listed in section 3 with an environmental classification (R50-R53). Based on the environmental classification, the toxicity for aquatic organisms (as defined in 67/548/EEC, Annex V) is estimated to be <=1mg/L. The information in this section refers to the undiluted product.

## 13. DISPOSAL CONSIDERATIONS

This product does not contain any prescribed substance under the Environmental Protection Act (Prescribed Processes and Substances) Regulations 1991 but is classified as special waste under the Control of Substances (Special Waste) Regulations 1996. For small quantities wear suitable gloves and eye/face protection. Dilute with water to at least 1% w/v (10 g/litre) and pour down a wastewater drain (foul sewer). Rinse out containers at least twice and recycle if facilities exist or dispose of as commercial waste. For larger quantities contact a licensed waste management company.

European waste catalogue 20 01 15 Alkalines

## 14. TRANSPORT INFORMATION

**EEC Regulation :** Hypochlorite, Solution, UN1791, Class 8, PG III  
**IMDG/UN :** Hypochlorite, Solution, UN1791, Class 8, PG III. Marine Pollutant.  
**RID/ADR :** Hypochlorite, Solution, UN1791, Class 8, PG III.  
**ICAO/IATA :** Passenger Aircraft: 819, Y819  
Cargo Aircraft: 821.

## 15. REGULATORY INFORMATION

**Hazard symbol :** C, CORROSIVE, Contains Sodium Hypochlorite.  
N, Dangerous for the environment.  
**Risk phrases :** R31 Contact with acids liberates toxic gas.  
R34 Causes burns.  
R50 Very toxic to aquatic organisms.  
**Safety phrases :** S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S28 After contact with skin, wash immediately with plenty of water.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
S61 Avoid release to the environment. Refer to special instructions / safety data sheets.

## 16. OTHER INFORMATION

Handle and apply only as recommended, for full information see product information sheet.

Internal Reference:- MSDS6341-02 (23-Mar-2009), FAFNX06W02

**Text of risk phrases associated with ingredients listed in section 3.**

R31 Contact with acids liberates toxic gas.  
R34 Causes burns.  
R50 Very toxic to aquatic organisms.

Change made to section 14.