

# SAFETY DATA SHEET

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

**JohnsonDiversey**

**JohnsonDiversey UK Limited**

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Clearance Code

**R8 KETTLE DESCALER**  
Professional kitchen hygiene product

Product Code  
**632711**

TO :

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No	EINECS No			
77-92-9	201-069-1	Citric acid	Xi: R36	(15-30%)
79-14-1	201-180-5	Glycolic acid	C: R34	(<5%)

Ingredients according to EC 648/2004:

Less than 5% : Nonionic surfactants

Full text of R-phrases is given in section 16.

## 3. HAZARDS IDENTIFICATION

Irritant - irritating to eyes.

## 4. FIRST AID MEASURES

**Eyes :** Rinse immediately with plenty of water, holding the eyelids open and seek medical advice if effects persist.

**Inhalation :** Remove from source of exposure.

**Skin :** Wash thoroughly.

**Ingestion :** Remove product from mouth, give the casualty a small quantity of water to drink and seek medical advice. 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.

## 6. ACCIDENTAL RELEASE MEASURES

Hose away with plenty of water diluting to at least 2.5% w/v (25 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 safely as commercial waste. Caution, spillages may be unusually slippery.

## 7. HANDLING & STORAGE

In common with all detergents, contact with eyes and prolonged contact with the skin should be avoided. Rinse and dry hands after use, for prolonged contact protection of the hands may be necessary. Always ensure good ventilation when using this product. Do not mix with any other chemicals other than as advised by your JohnsonDiversey representative. Do not mix with chlorine release agents or sodium hypochlorite.

Store upright in original closed containers in a cool place. Keep away from chlorine release agents and sodium hypochlorite.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

**Hand :** For prolonged contact, the use of rubber gloves resistant to detergents is recommended.

**Eyes :** Personal protection is not normally required unless a risk assessment indicates the need for it.

**Skin :** Personal protection is not normally required unless a risk assessment indicates the need for it.

**Respiration :** Personal protection is not normally required unless a risk assessment indicates the need for it.

## 9. PHYSICAL & CHEMICAL PROPERTIES

**Appearance :** Yellow liquid.

**pH :** 1.5 ± 0.3

**Solubility :** Fully miscible in water.

Flammability : Non flammable.

Density : 1.01 g/cm<sup>3</sup>

## 10. STABILITY & REACTIVITY

Keep away from chlorine release agents and sodium hypochlorite, (bleach). Contact with chlorine release agents and sodium hypochlorite (bleach) liberates toxic chlorine gas. Provided the product is stored in accordance with the approved guidelines there are no known hazardous decomposition products.

## 11. TOXICOLOGICAL INFORMATION

Eyes : Irritant

Skin : Unlikely to be irritant in normal use.

Inhalation : Unlikely to be irritant in normal use.

Ingestion : Unlikely to be irritant in normal use.

## 12. ECOLOGICAL INFORMATION

When used for its intended purpose this product should not cause adverse effects in the environment.

## 13. DISPOSAL CONSIDERATIONS

This product does not contain any prescribed substance under the Environmental Protection Act (Prescribed Processes and Substances) Regulations 1991 and is not classified as special waste under the Control of Substances (Special Waste) Regulations 1996, but is classified as controlled waste under the Environmental Protection Act 1990. For small quantities, dilute with water to at least 2.5% w/v (25 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 dispose of safely as commercial waste. **European waste catalogue 20 01 29** Detergents containing dangerous substances

## 14. TRANSPORT INFORMATION

EEC Regulation : Not regulated.

IMDG/UN : Not regulated.

RID/ADR : Not regulated.

ICAO/IATA : Not regulated.

## 15. REGULATORY INFORMATION

Hazard symbol : Xi, IRRITANT.

Risk phrases : R36 Irritating to eyes.

Safety phrases : S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Rinse and dry hands after use. For prolonged contact, protection for the skin may be necessary

## 16. OTHER INFORMATION

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

Internal Reference:-

**Text of risk phrases associated with ingredients listed in section 2.**

R34 Causes burns.

R36 Irritating to eyes

Changes made to section 12.