

SAFETY DATA SHEET

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

JohnsonDiversey

JohnsonDiversey UK Limited

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Clearance Code

LIFEGUARD LIMESCALE REMOVER
Professional cleaning/maintenance product for building care

Product Code
MSDS4553

TO :

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No	EINECS No			
7664-38-2	231-633-2	Phosphoric acid (WEL)	C: R34	(5-15%)
69011-36-5	polymer	Alkyl alcohol ethoxylate	Xn: R22-41	(<5%)

Ingredients according to EC 648/2004:

5% to 15% : Phosphates,

Less than 5% : Nonionic surfactants

Perfumes, Butylphenyl methylpropional, Hexyl cinnamal.

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

3. HAZARDS IDENTIFICATION

Irritant - irritating to eyes.

This product contains a material with an WEL published in HSE document EH40.

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.

7. HANDLING & STORAGE

Avoid contact with skin and eyes. Rinse and dry hands after use, for prolonged contact protection of the hands may be necessary. Do not mix with any other chemicals other than as advised by your JohnsonDiversey representative.

Store upright in original closed containers in a cool place.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

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

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.

Orthophosphoric Acid, (Phosphoric Acid)

WEL : W.E.L. 2 mg/m³ 15 min ref time

W.E.L. 1mg/m³ 8 hour ref time

ref. HSE publication EH40

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance :	Clear red liquid	Odour :	Slightly perfumed
pH :	<2.0	Solubility :	Fully miscible in water
Density :	1.05 g/cm ³		

10. STABILITY & REACTIVITY

Provided the product is stored in accordance with the approved guidelines there are no known hazardous decomposition products. Reacts with alkali.

11. TOXICOLOGICAL INFORMATION

Eyes :	Irritant
Skin :	Unlikely to be irritant in normal use.
Inhalation :	Irritant
Ingestion :	Irritant

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 :	Phosphoric Acid, Solution, UN1805, Hazchem 2R
IMDG/UN :	Phosphoric Acid, Solution, UN1805, Class 8, PG III
RID/ADR :	Class 8, Item 17(c)
ICAO/IATA :	Passenger Aircraft: 819, Y819 Cargo Aircraft: 821

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.

16. OTHER INFORMATION

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

Internal Reference:- MSDS4553-03(16-Feb-2006), FAFSD60W04

Text of risk phrases associated with ingredients in section 2.

R22	Harmful if swallowed.
R34	Causes burns.
R41	Risk of serious damage to eyes.