

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

685032

TO :

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS No	EINECS No			
7664-38-2	231-633-2	Phosphoric acid (OES)	C: R34	(5-15%)
68131-40-8	polymer	Ethoxylated alcohol	Xi: R36	(<5%)
67-63-0	200-661-7	Propan-2-ol (OES)	Xi, F: R11-36-67	(<5%)

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

3. HAZARDS IDENTIFICATION

Irritant - irritating to eyes and skin.

This product contains a material with an OES/MEL 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 with soap and water.
- 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. 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 :** When the product is used as directed, personal protective equipment is not 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.

OES/MEL : Orthophosphoric Acid, (Phosphoric Acid)
O.E.S. 2 mg/cu.m 15 min ref time

Propan-2-ol, (Isopropanol), (Isopropyl Alcohol)
O.E.S. 1250 mg/cu.m 15 min ref time
O.E.S. 999 mg/cu.m 8 hour TWA

ref. HSE publication EH40

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance :	Clear red liquid	Odour :	Characteristic
pH :	<2.0	Solubility :	Fully miscible in water.
Density :	1.05 g/cm ³	Flash Point :	Closed cup: 47°C. This product with a flashpoint between 21°C & 61°C does not support combustion.
		Other :	Viscosity dynamic: < 5 cps

10. STABILITY & REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Eyes : Irritant
Skin : Irritant
Inhalation : Irritant
Ingestion : Irritant

12. ECOLOGICAL INFORMATION

Ingredients according to EC 89/542:
5% to 15% : Phosphates.
Less than 5% : Cationic surfactants.
Less than 5% : Nonionic surfactants.

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 : C, CORROSIVE, 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 : R36/38 Irritating to eyes and skin.
Safety phrases : S2 Keep out of reach of children.
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
This product contains a material with an OES/MEL published in HSE document EH40.

16. OTHER INFORMATION

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

Internal Reference:- MSDS 07-Sep-1999 - Lifeguard Limescale Remover

Text of risk phrases associated with ingredients in section 2.

- R11 Highly flammable.
- R34 Causes burns.
- R36 Irritating to eyes.
- R67 Vapours may cause drowsiness and dizziness.