

# SAFETY DATA SHEET

according to 1907/2006/EC

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

**JohnsonDiversey**

**JohnsonDiversey UK Limited**

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Clearance Code  
**R63229**

**ROOM CARE R2-PLUS**  
Professional cleaning/maintenance product for building care.

Product Code  
**MSDS4762**

TO :

## 2. HAZARDS IDENTIFICATION

Irritant - irritating to skin.  
Irritant - risk of serious damage to eyes.  
Very toxic to aquatic organisms.  
This product contains a material with an WEL published in HSE document EH40.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS.

CAS No	EINECS No			
69011-36-5	polymer	Alkyl alcohol ethoxylate	Xn, Xi: R22-41	(5-15%)
7173-51-5	230-525-2	Didecyldimethylammoniumchloride	C, Xn: R22-34	(<5%)
68424-85-1	270-325-2	Alkyldimethylbenzlammoniumchloride	C, Xn, N; R22-34-50	(<5%)
69011-36-5	polymer	Alkyl alcohol ethoxylate	Xi: R41	(<5%)
497-19-8	207-838-8	Sodium carbonate	Xi: R36	(<5%)
67-63-0	200-661-7	Propan-2-ol (WEL)	Xi, F: R11-36-67	(<5%)
88-41-5	201-828-7	2-tert-butylcyclohexyl acetate	N; R51/53	(<5%)
54464-57-2	259-174-3	1-(1,2,3,4,5,6,7,,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	N: R51/53	(<5%)

Ingredients according to EC 648/2004

5% to 15% : Nonionic surfactants

Disinfectants, Perfumes, Butylphenyl methylpropional, Hexyl cinnamal, Alpha-isomethyl ionone.

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 exposure. Seek medical advice if effects persist.  
**Skin :** Wash skin immediately and thoroughly with water. Remove contaminated clothing. Obtain medical attention if symptoms develop.  
**Ingestion :** Remove product from mouth, give the casualty a small quantity of water to drink if they are conscious 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. Firefighters should wear self contained breathing apparatus. Firefighters should wear self contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

Wear suitable gloves and eye/face protection. 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 to a licensed waste management company.

## 7. HANDLING & STORAGE

Avoid contact with skin and eyes. Wear suitable gloves and eye/face protection. 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 :** Use gloves resistant to Alkyl alcohol ethoxylate.

**Eyes :** When handling neat product wear eye/face protection to EN 166.  
**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.

**WEL :** Propan-2-ol, (Isopropanol), (Isopropyl Alcohol)  
W.E.L. 1250 mg/cu.m 15 min ref time  
W.E.L. 999 mg/cu.m 8 hour TWA

ref. HSE publication EH40

## 9. PHYSICAL & CHEMICAL PROPERTIES

**Appearance :** Clear green liquid  
**pH :** 10.5 - 11.0  
**Density :** 1.03g/cm<sup>3</sup>

**Odour :** Slightly perfumed  
**Solubility :** Fully miscible with water  
**Flash Point :** This product with a flashpoint between 21°C & 61°C does not support combustion.

## 10. STABILITY & REACTIVITY

Exothermic reaction with acids. Provided the product is stored in accordance with the approved guidelines there are no known hazardous decomposition products.

## 11. TOXICOLOGICAL INFORMATION

**Eyes :** Strong irritant with the danger of severe eye injury.  
**Skin :** Irritant  
**Inhalation :** Irritant  
**Ingestion :** Irritant

## 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 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 contact a licensed waste management company.

**European waste catalogue 20 01 29** Detergents containing dangerous substances.

## 14. TRANSPORT INFORMATION

**EEC Regulation :** Environmentally hazardous substances, liquid, NOS (alkyldimethylammoniumchloride, didecyldimethylammoniumchloride), UN3082, Class 9, PGIII  
**IMDG/UN :** Environmentally hazardous substances, liquid, NOS (alkyldimethylammoniumchloride, didecyldimethylammoniumchloride), UN3082, Class 9, PGIII, Marine Pollutant  
**RID/ADR :** Environmentally hazardous substances, liquid, NOS (alkyldimethylammoniumchloride, didecyldimethylammoniumchloride), UN3082  
**ICAO/IATA :** Passenger Aircraft: 914, Y914  
Cargo Aircraft: 914

## 15. REGULATORY INFORMATION

**Hazard symbol :** Xi, IRRITANT & N, Dangerous for the environment  
**Risk phrases :** R38 Irritating to skin.  
R41 Risk of serious damage to eyes.  
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.  
S37/39 Wear suitable gloves and eye/face protection.  
S61 Avoid release to the environment. Refer to special instructions / safety data sheets.

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**16. OTHER INFORMATION**

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

Internal Reference:- MSDS4762-04(27-Apr-2009), FAJSK08W30 (FM003815)

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

R11 Highly flammable

R22 Harmful if swallowed.

R34 Causes burns

R36 Irritating to eyes.

R41 Risk of serious damage to eyes.

R50 Very toxic to aquatic organisms.

R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

R67 Vapours may cause drowsiness and dizziness

Change made to section 1, 2, 3, 4, 7, 8, 9, 11, 12, 14, 15 and 16.