



# Omnicide<sup>TM</sup>

## MATERIAL SAFETY DATA SHEET

RS Hygiene Limited, The Street Worlington Suffolk IP28 8RX

Telephone: 01638 714 444

### 1. Identification of the substance/preparation and company/undertaking

Name: Omnicide (including Omnicide FG and FGII)  
Supplied by: RS Hygiene Ltd, The Street, Worlington Suffolk IP28 728  
Tel: 01638 714 444 Fax: 08707 628 728

### 1.2 Use of the substance/preparation

Recommended use: Cleaning agent, Disinfectants and general biocidal products. Oxidising Agents

### 2. Composition/information on ingredients

Product Description:	A broad spectrum disinfectant concentrate				
Hazardous Ingredients	EINECS No	CAS No	%	Symbols	R Phrases
Glutaraldehyde	203-856-5	111-30-8	5-15	T, N	R23/25-34-42/43-50
Alkyl dimethyl benzyl ammonium chlorides	263-080-8	61789-71-7	5-15	C, N	R21/22-34-50

### 3. Hazards identification

Causes burns.  
Harmful by inhalation and if swallowed.  
May cause sensitisation by inhalation and skin contact.  
Liquid and vapour are irritating to skin, eyes and respiratory system.

### 4. First Aid measures

Remove to fresh air and obtain medical attention.  
Skin contact: Remove contaminated clothing immediately and wash skin well with plenty of running water. Seek medical attention if irritation persists.  
Eye Contact: ACT IMMEDIATELY. Irrigate thoroughly with water or eye-wash for 15 minutes. Obtain medical attention immediately.  
Ingestion: Do not induce vomiting. Provided the patient is conscious, wash out mouth with water and give water to drink. Obtain medical attention immediately.

### 5. Fire Fighting measures.

Water-spray, foam or dry chemical. May produce toxic fumes in a general conflagration. Self-contained breathing apparatus should be worn.

### 6. Accidental Release Measures

Personal precautions Wear personal protective equipment listed in section 8.  
Environmental precautions Do not discharge into drains or rivers. Contain spillage using bunding.  
Clean up procedure Absorb with sand, earth or granules. Transfer to a closable, labelled salvage container for disposal, refer to section 13

### 7. Handling & Storage.

**Handling** Hazards stated apply to the CONCENTRATED product. Great care should be taken when diluting this product, i.e. ensure good ventilation and use personal protective equipment specified below.  
When handling do not eat, drink or smoke. Avoid contact with skin and eyes. Avoid inhalation of vapour.  
**Storage** Keep cap firmly closed when not in use. Keep cool

### 8. Exposure Controls/personal protection.

Use overalls, eye shields and chemical resistant gloves (EN 374) of butyl or nitrile rubber. Where vapour levels may exceed occupational exposure level, use an appropriate respirator\*.( \* Gas filter EN 141 Type A for gases/vapours of organic compounds.)

Occupational Exposure Limits:				
Hazardous Ingredient	LTEL 8hr	TWA	STEL	
	ppm	mg/m3	ppm	mg/m3
glutaraldehyde	0.05	0.2	0.05	0.2 Sen, MEL



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### 9. Physical & Chemical Properties.

Appearance:	Clear liquid, dye optional
Odour:	Aromatic, perfume optional
pH:	5.0 typical
Flash point °C:	N/A
Relative Density (20°C):	1.04 typical
Solubility in water:	Soluble

### 10. Stability & Reactivity.

Stability:	Stable.
Conditions to Avoid:	Extremes of temperature (below 0°C and above 50°C)
Materials to Avoid:	Contacts with acids, alkalis.
Hazardous Decomposition:	No decomposition in normal use.

### 11. Toxicological Information.

Inhalation:	Vapours/aerosols may irritate the eyes, nose and throat. Asthmatic symptoms occasionally described in sensitive persons. These effects may be exacerbated on repeated exposure. May aggravate existing asthmatic conditions. An extensive clinical study has shown: Glutaraldehyde did not cause, in the exposed persons, any allergic asthma induced by a sensitisation of the respiratory tract.
Skin Contact:	Causes burns. Liquid and vapour are irritating. Acute percutaneous toxicity: low potential for systemic toxicity by skin absorption. Repeated contact with concentrate may cause allergic contact dermatitis. Delayed contact hypersensitivity (guinea pigs) of 1% glutaraldehyde dilution: no reaction.
Eye Contact:	Causes burns. Liquid and vapour are irritating. Eye damage may occur if immediate irrigation is not carried out.
Ingestion:	Harmful. May cause vomiting, diarrhoea and eventually collapse. Acute oral toxicity (rats): LD50 795 mg/kg "slight oral toxicity".

### 12. Ecological Information.

Dilution to below 10 ppm glutaraldehyde has no detrimental effect on the environment or on functioning waste treatment systems.  
Diluted product is expected to be rapidly biodegraded.

### 13. Disposal considerations.

Dispose of according to Local Authority regulations. Wash out container well with water before disposal.  
Do not contaminate storm water drains with concentrated product.

### 14. Transport Information.

UN No:	1760
Road Carriage:	Corrosive liquid
TREM Card No:	80G20b
ADR/RID Class:	Class 8
IMDG Class and Packing Group:	Class 8 Packing Group II
Proper Shipping Name:	Corrosive Liquid, N.O.S (glutaraldehyde mixture)
Marine Pollutant:	No
Customs Tariff (Harmonised system):	3808-40-10

### 15. Regulatory Information

CHIP Classification:	Corrosive	Hazard Symbol:	C
Risk Phrases:		S36/37/39	Wear suitable protective clothing/gloves and eye/face protection.
R20/22	Harmful by inhalation and if swallowed.		
R34	Causes burns.	S42	During fumigation/spraying wear suitable respiratory equipment.
R42/43	May cause sensitisation by inhalation and skin contact.		
Safety Phrases:		S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S13	Keep away from food, drink and animal feeding stuffs.		
S23	Do not breathe vapour/spray.	S51	Use only in well ventilated areas.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.		



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### 16. Other Information.

Hazards stated apply to the CONCENTRATED product. Great care should be taken when diluting this product, i.e. ensure good ventilation and use the personal protective equipment specified. Hypersensitive persons (asthma, chronic bronchitis) should not handle the concentrated product.

Text of the R-phrases that are allocated to the ingredients listed in section 2 of this safety data sheet:

R21/22 Harmful in contact with skin and if swallowed  
R23/25 Toxic by inhalation and if swallowed  
R34 Causes burns  
R42/43 May cause sensitisation by inhalation and skin contact  
R50 Very toxic to aquatic organisms

Date: March 2005 Revision: 10  
(Revised sections are indicated by sidelining.)

PLEASE ENSURE THIS SAFETY DATA SHEET IS PASSED TO THE APPROPRIATE PERSONS IN YOUR COMPANY, WHO ARE CAPABLE OF ACTING ON THE INFORMATION.

This Data Sheet was prepared in accordance with directive 91/155/EEC and regulation 5 of the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 or as amended.

The information this sheet contains does not constitute on its own the users own assessment of workplace risk as required by other health and safety legislation eg. HSW ACT COSHH, MHSW Regulations or other.

Occupational exposure standards were taken from the current edition of EH40 (UK HSE).