C.O.S.H.H./Material Safety Data Sheet

1. Name of Product — **RUHOF BIOCIDE**

Supplied by
(Authorised Rep. for CE)

RUHOF
Peskett Solutions Ltd
Unit 4-5 Brampton Business Park
55 Brampton Road
Eastbourne, East Sussex
BN22 9AF

Manufactured by

RUHOF CORPORATION
393 Sagamore Avenue, Mineola,
New York 11501-1919 USA

Effective Date: 1 January 2010

Data Sheet Reference: biocide.coshh
Emergency Phone Number: 01323 511038, 07973 166737
Contact: Matthew Peskett

2. Information on Hazardous Ingredients:

Hazardous Ingredients	CAS#	HSC(UK)WEL	% (Optional)
N-Alkyl (60%C14, 30%C16, 5%C12, 5%C18) dimethyl benzyl ammonium chlorides	68391-01-5	LD50 10grm/kg	
N-Alkyl (68%C12, 32%C14) dimethyl ethylbenzyl ammonium chlorides	68956-79-6	Not Determined	

Category of Danger? None (X) or: with Symbol-letter:

SARA Hazards: **Fire?** No **Pressure?** No **Reactivity?** No **Acute?** No **Chronic?** No

3. Hazard Identification:

Routes of Entry:
Inhalation YES **Skin/Eye?** YES **Ingestion?** YES

Signs/Symptoms of Exposure

Eye Contact **R36**- IRRITATION, REDDENING.
Skin Contact **R38** - IRRITATION
Inhalation **R37** - IRRITATION OF RESPIRATORY TRACT
Ingestion **R22** – NAUSEA

Medical Conditions Generally Aggravated by Exposure: NOT ESTABLISHED

Category of Danger? None (X) or: with Symbol-letter:

NFPA 704(USA):
Health= 1 **Flammability =** 0 **Reactivity =** 0 **Special =** None

(0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe)

4. First-Aid Measures:

Eye Contact **S26** - FLUSH WITH FRESH WATER SEEK MEDICAL ATTENTION.
Skin Contact **S28** - WASH WITH PLENTY OF WATER
Inhalation **S63** - REMOVE TO FRESH AIR
Ingestion **S62** – RINSE MOUTH AND THROAT WITH WATER SEEK MEDICAL ATTENTION.

5 Fire Fighting Measures:

Flash Point NONE
Flamm. Limits in Air (%)
Upper: N/A
Lower: N/A
Extinguishing Media NOT FLAMMABLE

Special Fire Fighting Procedures: FIGHT SURROUNDING FIRE.
Fire/Explosion Hazards: NONE

6 Accidental Release Measures:

In Case Material Is Released or Spilled: ABSORB IN INERT MATERIAL OR MOP UP SMALL SPILLS AND FLUSH TO SEWER. LARGE SPILLS SHOULD BE COLLECTED FOR DISPOSAL.

Biocide

7 Handling and Storage:

Ventilation

Local Exhaust Needed	NO
Special Ventilation	NO
Mechanical (General)	YES
Other:	NO

Special Handling/Storage Precautions	**S37** - WEAR RUBBER OR PLASTIC GLOVES. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING. **S7** - KEEP CONTAINERS CLOSED WHEN NOT IN USE.

8 Exposure Controls/Personal Protection:

Eye Protection	**S39** - SAFETY GLASSES
Hand Protection/Gloves	**S37** - PLASTIC OR RUBBER.
Respiratory Protection	USUALLY NOT NEEDED
Special Clothing/ Equipment	NONE
Other Work/Hygiene Precautions	WASH CONTAMINATED CLOTHING BEFORE REUSE.

9 Physical and Chemical Properties:

Appearance:	LIGHT YELLOW LIQUID
Odour:	MILD ODOUR
pH:	11.7
Boiling Point:	100°C
Melting Point:	N/A
Evaporation Rate:	1
Evaporation Standard:	WATER
Specific Gravity (Water=1):	1.0
Vapour Pressure (mm Hg):	AS WATER
Relative Density (Air = 1):	N/A
Solubility in Water:	COMPLETE

10 Stability and Reactivity:

Stability:	STABLE
Conditions to Avoid:	NONE
Materials to Avoid:	STRONG OXIDIZING AGENTS
Hazardous Decomposition/Byproducts:	NITROUS OXIDES
Hazardous Polymerisation:	WILL NOT OCCUR

11 Toxicological Information: (Also See Section 3)

Carcinogenicity	NO	IARC	NO
NTP	NO	HSC Regulated	NO
Mutagenicity	NO	Reproductive Toxin	NO
Possible Sensitizer	NO		

12 Ecological Information: NOT DETERMINED

13 Disposal Considerations:

Disposal Method SMALL: MOP TO SEWER.
LARGE: COLLECT IN INERT ABSORBENT AND LANDFILL.

Follow all national or regional regulations for disposal.

14 Transport Information:

Product Regulated for Transport	NO

If regulated

Proper Shipping Name:	N/A
Hazard Class Number, Name:	N/A
UN Number, Packing Group:	N/A

15 Regulatory Information:

Special Health and Safety Information:	NONE
Classification:	NONE
Risk, and Safety Information for Label:	N/A

16 Other Information:

The information provided in this COSHH Sheet has been obtained from sources believed to be reliable. The manufacturer provides no warranties, either expressed or implied and assumes no responsibility for accuracy or completeness of the data contained herein. The information is offered for your consideration and investigation. You should satisfy yourself that you have all current data relevant to you particular use. The manufacturer knows of no medical conditions other than those noted on this COSHH, which are generally recognised as being aggravated by exposure to this product.

Biocide