

QUADEX™

HIGH LEVEL DISINFECTANT AEROSOL

MATERIAL SAFETY DATA SHEET

Date Issue: August 2011

SECTION 1 – IDENTIFICATION

PRODUCT NAME: **Quadex™ - Sterifog™ Aerosol**

OWNER'S NAME & ADDRESS: Advanced Disinfecting Services SA (PTY) Ltd.
P.O. Box 50150, Randjesfontein.1683 South Africa.

PHONE: 0861 112 661

PRODUCT TYPE/GENERAL INFORMATION:
A broad spectrum, ready-to-use general disinfectant aerosol. Has a 30 day residual effect.

REGISTRATION NUMBER: SABS ACT 29 GNR 529/242566/060/770

SECTIONS 2 - COMPOSITION/ INFORMATION ON INGREDIENTS

CHEMICAL TYPE: Amine Guanide Derivative

MAJOR INGREDIENTS: Biguanide and Amine derivatives including wetting agents, surfactants and liquid petroleum gas (Butane-Propane)

SECTION 3 - HAZARD IDENTIFICATION

Danger-flammable gas.

SECTION 4 - FIRST AID MEASURES

INGESTION: DO NOT induce vomiting. Give milk or water to drink. Seek medical advice where necessary.

EYES: Rinse eyes with water. Seek medical advice where necessary.

SKIN: Wash affected area with soap and water.

INHALED: Remove to fresh air.

FIRST AID FACILITIES: Contact your medical practitioner or the emergency department of your local hospital.

ADVICE TO DOCTOR: Treat symptomatically

SECTION 5 - FIRE AND EXPLOSION HAZARD DATA	
EXTINGUISHING MEDIA:	Highly flammable, and explosion risk, contact fire department immediately.
SPECIAL HAZARDS:	Explosion hazard when exposed to heat or fire.
PROTECTIVE CLOTHING:	Self-Contained Breathing Apparatus (SCBA) and protective clothing should be worn when fighting chemicals fires.
SECTION 6 - ACCIDENTAL RELEASE MEASURES	
Personal precaution:	Avoid area. Keep well ventilated.
ENVIRONMENTAL PRECAUTIONS:	CONTAIN WITH ABSORBING MATERIAL .
SMALL SPILLS:	Flush with large amounts of water.
LARGER SPILLS:	Soak up with an inert material e.g. dry earth and dispose of in an area approved by local authority.
SECTION 7 - HANDLING AND STORAGE	
HANDLING/ STORAGE PRECAUTIONS: Avoid open flames or heating elements. Store in cool and dry conditions between 10°C and 30°C out of direct sunlight.	
SECTION 8 - EXPOSURE CONTROL/ PERSONAL PROTECTION	
ENGINEERING CONTROL MEASURES: Building should be “SPRINKLER” protected..	
PERSONAL PROTECTION – RESPIRATORY: Full respiratory equipment.	
PERSONAL PROTECTION – HAND: Do not spray on hand.	
PERSONAL PROTECTION – SKIN: Do not spray on skin.	
PERSONAL PROTECTION – EYES: Avoid Splashing/Spraying.	
OTHER PERSONAL PROTECTION: Avoid heat source or open flame.	

SECTION 9 - PHYSICAL/CHEMICAL CHARACTERISTICS	
APPEARANCE:	Clear liquid.
ODOUR:	Alcohol and Petroleum.
pH:	± 5.5
EVAPORATION RATE:	Extremely volatile (853kPa at 21° C)
SOLUBILITY – WATER:	SOLUBLE IN WATER.
DENSITY:	0.545 at 20° C in liquid state.
MELTING POINT:	Minus 140° C
BOILING POINT:	Minus 1° C FLASHPOINT: Minus 40° C
SECTION 10 - STABILITY AND REACTIVITY	
CONDITIONS TO AVOID: Do not expose to heat or direct sunlight.	
Do not mix with other chemicals.	
SECTION 11 - TOXICOLOGICAL INFORMATION	
ACUTE ORAL TOXICITY:	Fatal if swallowed.
ACUTE TOXICITY DERMAL:	Causes frostbite.
ACUTE TOXICITY INHALATION:	Inhalation can be Toxic and can cause asphyxia.
SECTION 12 - ECOLOGICAL INFORMATION	
Active ingredient is biodegradable. Propellant will evaporate.	
SECTION 13 - DISPOSAL CONSIDERATION	
DISPOSE METHODS: Soak up with inert materials e.g. dry earth and dispose in an area approved by local by-laws. Flush small spills with copious amounts of water.	
DISPOSAL OF PACKAGING: Dispose empty canister in municipal waste.	

SECTION 14 - TRANSPORT INFORMATION	
ADR/RID Class:	Flamable
IMDG Class:	Flamable
IATA Class:	Flammable (Restricted)
SECTION 15- REGULATORY INFORMATION	
EU Index:	601-004-00-0 Classification: Flamable+
RISK PHASES:	R12
SAFETY PHASES:	(S2), S16
NATIONAL LEGISLATION:	NFPA 704
SECTION 16- OTHER	
This information in this material Safety Data sheet is presented in good faith and believed to be reliable as of the date of its preparation. No warranties expressed or implied are made as to the accuracy of the information contained herein. The Company assumes no liability (regardless of fault) to anyone for any type of damages arising out of or in connection with the accuracy, completeness, adequacy of this Data Sheet, for the improper or abnormal use or handling of ADS products from incompatible product combinations or from failure to follow instructions and warnings or to adhere to recommended practices.	