



# SAFETY DATA SHEET



Product Name:

**MossGo-Pro**

SDS Ref. TVS002

Version No: 1

Revision Date:

First Issue Date: December 17<sup>th</sup> 2008

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

**Product** MossGo-Pro2

**Use(s)** Surface biocide and wood preservative for external surfaces

**Distributor** Thames Valley Specialist Products

PO Box 1945

Maidenhead SL6 2XR

Telephone: +44 1628 687 022

Emergency Telephone:

SDS Competent Person e-mail: trevor@rising-hsand.co.uk

## 2. HAZARDS IDENTIFICATION

**Physical & Chemical:** NON HAZARDOUS



**CORROSIVE**

**Health:** HARMFUL IF SWALLOWED. CAUSES BURNS



**DANGEROUS  
FOR THE  
ENVIRONMENT**

**Environmental:** VERY TOXIC TO AQUATIC ORGANISMS.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### Hazardous Substances

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
DIDECYLDIMETHYLAMMONIUM CHLORIDE	7173-51-5	230-525-2	Xn: R22 C: R34	Approx. 40%

## 4. FIRST AID MEASURES

<b>General information</b>	Remove contaminated clothing immediately, to be disposed of or washed before re-use.
<b>Inhalation</b>	Remove casualty to fresh air and provide warmth and rest. If necessary seek medical advice.
<b>Skin contact</b>	Clean areas of skin affected a once with soap and plenty of water; if necessary seek medical advice
<b>Eye contact</b>	Wash eyes thoroughly with plenty of water until irritation subsides. Consult an eye specialist/ophthalmologist.
<b>Ingestion</b>	If product is swallowed, do NOT induce vomiting. Drink plenty of water and if necessary seek medical advice. Beware of aspiration if vomiting occurs

**5. FIRE FIGHTING MEASURES**

<b>General hazard</b>	THE PRODUCT IS NOT FLAMMABLE
<b>Extinguishing media</b>	To suit local surroundings (e.g. water spray, foam, or chemical powder)
<b>Extinguishing media not to be used</b>	None known
<b>Special exposure hazards</b>	The thermal decomposition products released (oxides of nitrogen and carbon) should be considered toxic if inhaled.
<b>Protective equipment</b>	Wear self-contained breathing apparatus. Avoid run-off water entering the drains (e.g. use barriers)

**6. ACCIDENTAL RELEASE MEASURES**

<b>Methods for cleaning up</b>	Adhere to personal protective measures. Take up with absorbent material, e.g. sand, sawdust, into tightly closed plastic containers.
<b>Environmental considerations</b>	Do not allow liquid to get into waste water or waterways; if this occurs, inform the relevant water authority at once.
<b>Further information</b>	Spillage will cause a slippery floor.

**7. HANDLING & STORAGE**

<b>Advice on safe handling</b>	Handle in accordance with good hygiene and safety practice.. Keep in original containers which should be tightly closed, cool and dry.
<b>Storage conditions</b>	Ensure adequate ventilation of the storage area. Storage temperature should be 10-40°C.
<b>Further information</b>	Keep away from incompatible substances.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Exposure controls</b>	There are no workplace exposure limit values available. Comply with good practice for the control of exposure. .
<b>Engineering controls</b>	Ensure adequate ventilation of working area.
<b>Personal protection</b>	Observe normal standards for handling chemicals. Avoid contact with skin and eyes Wash thoroughly after handling (shower if necessary) Do not eat, drink or smoke in the working area Wear personal protective equipment appropriate to the task (see below)
<b>Eye protection</b>	Safety goggles (e.g. EN 166)
<b>Skin protection</b>	Plastic or rubber gloves (also consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)
<b>Respiratory protection</b>	Approved respirator if ventilation is judged to be insufficient.
<b>Other protection</b>	Protective overalls or aprons

**9. PHYSICAL & CHEMICAL PROPERTIES**

Physical form	Liquid
Colour	Colourless to yellowish
Odour	Aromatic
pH	6.5-8 (10 g/l @ 20°C)
Boiling pt / range	approx 100 °C
Freezing pt / range	Not determined °C
Flash point	> 100 °C
Specific gravity	0.954 g/cm <sup>3</sup> (@ 20°C)
Water solubility	Miscible in all proportions
Viscosity	73 mPa.s @ 23°C (dynamic)

**10. STABILITY & REACTIVITY**

Stability	Stable under normal conditions of handling.
Thermal decomposition	Not determined
Conditions to avoid	None known
Material to avoid	The product is incompatible with acids and alkalies
Hazardous reactions	Hazardous polymerisation will not occur.
Hazardous decomposition products	Oxides of carbon and nitrogen following thermal decomposition.

**11. TOXICOLOGICAL INFORMATION**

Acute toxicity	LD <sub>50</sub> rat (oral)	238 mg/kg	Data for didecyldimethylammonium chloride
	LD <sub>50</sub> rat (derm)	> 2000 mg/kg	
Dermal compatibility	Corrosive (4hours, OECD 404) (didecyldimethylammonium chloride)		
Mucous membrane compatibility	Causes burns (didecyldimethylammonium chloride)		
Further information	The product is not sensitising (Buehler test) and negative in Ames test (OECD 471)		


**12. ECOLOGICAL INFORMATION**

Acute toxicity	LC <sub>50</sub> Fish (rainbow trout)	1.0 mg/l	96 h (OECD 203) data for
	EC <sub>50</sub> Daphnia magna	0.094 mg/l	48 h (EPA-FIFRA) didecyldimethylammonium
	EC <sub>50</sub> Algae	0.026 mg/l	96 h (OECD 201) chloride
Degradability	Readily degradable (72% - Sturm test) (didecyldimethylammonium chloride)		
Further information	Since bats are a protected species under the Wildlife and Countryside Act 1981, consult English Nature, The Scottish Natural Heritage or The Countryside Council for Wales if structure to be treated is used by bats.		

**13. DISPOSAL CONSIDERATIONS**

Advice on disposal	In accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005.
Contaminated packaging	Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle.

**14. TRANSPORT INFORMATION**

United Nations number	UN 1760	
Packaging group	III	
IMDG code	8/1760/III	
RID / ADR	8/III	
ICAO / IATA	8 /1760/III	
Marine pollutant	The product should not be marked as a marine pollutant	
Proper shipping name	CORROSIVE LIQUID, N.O.S. (DIDECYLDIMETHYLAMMONIUM CHLORIDE)	

**15. REGULATORY INFORMATION**

**Classification & labelling** The product is classified in accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations (CHIP 3.2) and the Dangerous Preparations Directive (1999/45/EC)

Contains didecyldimethylammonium chloride



**CORROSIVE**  
**DANGEROUS FOR THE ENVIRONMENT**

<b>Risk phrases</b>	R22	HARMFUL IF SWALLOWED
	R34	CAUSES BURNS
	R50	VERY TOXIC TO AQUATIC ORGANISMS.
<b>Safety phrases</b>	S25	AVOID CONTACT WITH EYES.
	S26	IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.
	S36/37/39	WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION.
	S61	AVOID RELEASE TO THE ENVIRONMENT. REFER TO SPECIAL INSTRUCTIONS/SAFETY DATA SHEET.
<b>Relevant legislation</b>	Control of Substances Hazardous to Health Regulations 2002 (as amended) to be considered.	

**16. OTHER INFORMATION****Further information****Risk phrases given in section 3**

R22: Harmful if swallowed

R34: Causes burns

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**Sources of data**

The Approved Supply List, other suppliers' safety data sheets, EH40/2005

**Date of issue**

06-01-2009

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the health and safety requirements. It should not be construed as guaranteeing specific properties.