

SAFETY DATA SHEET

Sagamos Mos Remover (IKOpro)

Version:4

Review date:14/04/09

R:1907/2006/EC - ISO 11014-1

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

Identification of the substance or preparation	Sagamos Mos Remover (IKOpro)
Use of the substance / preparation	Moss and Lichen Removal Treatment
Supplier:	Atab nv d' Herbouvillekaai 80 B-2020 Antwerpen Belgium Phone: +32 (0)3 248 30 00 Fax: +32 (0)3 248 37 77 E-mail: patrick.hartmann@atab.be
Emergency phone number (to be used by the practising doctor):	UK - National Poisons Information Service Phone: 44 / 191 22 5131 B - Centre Antipoisons Tél: 070 / 245.245

2. HAZARDS IDENTIFICATION

Most important hazards:	none
Specific hazards:	none

3. COMPOSITION / INFORMATION ON INGREDIENTS

Description of the preparation:	A solution witch contains 4% of a 50% quaternary ammoniumsalt in water.
Component(s) contributing to the hazard:	• quaternary ammonium compounds, benzyl C12-C16-alkyldimethyl, chlorides - CE nr.: 270-325-2 - CAS nr.: 68424-85-1 Conc. (weight %):(%) : 1 < C <= 5 - Symbol(s): Xn C N - R-phrased(s): 21/22-34-50

4. FIRST AID MEASURES

General advice:	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation:	Fresh air, rest.
Skin contact:	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvents or thinners.
Eye contact:	Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice.
Ingestion:	If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Not applicable.
Extinguishing media which must NOT be used for safety reasons:	None.
Specific fire hazard(s):	none
Special protective equipment for fire-fighters:	none

6. ACCIDENTAL RELEASE MEASURES

Personal precaution(s):	Avoid contact with skin, eyes, or clothing.
Environmental precaution(s):	Do not allow to enter drains or water courses.
Method(s) for cleaning up:	Contain and collect spillages with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

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Clean preferably with a detergent - Avoid the use of solvents.

7. HANDLING AND STORAGE

Handling

- Precaution(s): When using do not eat, drink or smoke. Material handling require no special precaution measures. The Manual Handling Operations Regulations may apply to the handling of containers of this product. Refer to the guide weight indicated on the container when carrying out assessments.
- Technical condition(s): none
- Safe handling advice(s): No special handling advice required
Opened containers must be carefully closed and kept upright to avoid leakage.

Storage

- Precaution(s): Observe the label precautions.
- Storage condition(s): Store at temperatures between 0°C and 30°C
Containers which are opened should be properly resealed and kept upright to prevent leakage.
- Packaging / tank material: made of the same material as the supply container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameter(s):

- Exposure limit(s):

Personal protection equipment:

- Respiratory protection: Do not breathe dust or spray mist.
- Hand protection: Barrier creams may help to protect exposed areas of the skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.
When skin exposure may occur, advice should be sought from glove suppliers on appropriate types. nitrile rubber gloves, neoprene gloves, Latex gloves.
- Skin and body protection: Wear suitable protective clothing
- Eye protection: Eye protection designed to protect against liquid splashes should be worn.
- Hygiene measure(s): Do not eat, drink, or smoke during work.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information

- Appearance: liquid
- Colour: clear and colourless
- Odour: irritating

Important health, safety and environmental information

- PH: 7
- Boiling point/range: Not determined.
- Flash point: geen vlampunt
- Explosion limits: none
- Relative density (water = 1): 1.0
- Viscosity: Not determined.
- Water solubility: easily
- Fat solubility: none
- Solvent solubility: none

10. STABILITY AND REACTIVITY

- Stability: Stable under the recommended storage and handling conditions. (See Section 7).

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Hazardous decomposition products Not applicable.

11. TOXICOLOGICAL INFORMATION

General information(s): There is no data available on the product itself.

Acute toxicity

- Inhalation: none
- Skin contact: skin irritation
- Eyes contact: Splashes in the eyes may cause irritation and reversible local damage.
- Ingestion: There is no data available on the product itself. May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

12. ECOLOGICAL INFORMATION

General information(s): There is no data available on the product itself.

Persistence and degradability Contained tenside is more than 90% biodegradable.

Environmental toxicity: Product may not flow into sewer or superficial water.

Other adverse effects

13. DISPOSAL CONSIDERATIONS

Waste / unused products: Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.

Contaminated packaging: Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

Further Information(s):

14. TRANSPORT INFORMATION

General information(s): Transport followed ADR, IMDG, IATA

UN number 3082

Land (Road / Railway: ADR/RID)

- Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Quaternary ammonium compound)
- Hazard class: 9
- Packing group: III
- ADR/RID-Labels: 9
Environmentally hazardous substance
- Code danger: 90
- Classification code: M6 274-335-601
- Packing instructions: P001-IBC03-LP01-R001 -/- PP1 MP19
LQ7-E1

Sea (IMDG)

- Proper shipping name: MATIERE DANGEREUSE DU POINT DE VUE DE L'ENVIRONNEMENT, LIQUIDE, N.S.A. - ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
- Class: 9
- Packaging group: III
- Marine pollutant: yes
- IMDG-Label(s): 9
- Packing instructions: P001 - PP1 - LP01 - IBC03

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Air (ICAO/IATA)

15. REGULATORY INFORMATION

Labelling: According to european directives on classification, packaging and labelling of dangerous substances

EC number: Not applicable.

Symbol(s): Xi - Irritant ; N - Dangerous for the environment



R-phrase(s): 37/38 Irritating to respiratory system and skin.
41 Risk of serious damage to eyes.
50 Very toxic to aquatic organisms.

S-phrase(s): 2 Keep out of the reach of children.
23 Do not breathe gas / fumes / vapour / spray.
25 Avoid contact with eyes.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
29/56 Do not empty into drains, dispose of this material and its container to hazardous or special waste collection point.
37/39 Wear suitable gloves and eye/face protection.
46 If swallowed, seek medical advice immediately and show this container or label.
51 Use only in well-ventilated areas.

16. OTHER INFORMATION

Text of R phrases listed in section 3: R21/22 Harmful in contact with skin and if swallowed.
R34 Causes burns.
R50 Very toxic to aquatic organisms.

Important remarks: As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.
The user is always responsible for ensuring that the requirements of relevant legislation are complied with.
The information contained in this safety data sheet is based on the present state of knowledge and current national legislation it provides guidance on health safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Use of the substance / preparation Moss and Lichen Removal Treatment

Restrictions: The product should not be used for purposes other than those shown in Section 16 without first referring to the supplier and obtaining written handling instructions.

History

- First edition date: 31/01/06

- Previous revision date: 14/11/06

- Review date: 14/04/09

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