

**SAFETY DATA SHEET (91155/EEC)****FASILITOR**

<b>1. Identification of the substance/preparation and the company</b>	
Product name	: FASILITOR
Supplier	: IB.ECO INTERNATIONAL B.V. Daelderweg 25C 6361 HK Nuth The Netherlands  Tel.: +31-(0)45-577 83 05 Fax: +31-(0)45-577 83 06  E-mail: <a href="mailto:info@aptus-holland.com">info@aptus-holland.com</a>
Application of the substance: fertilizer	

<b>2. Composition/information on ingredients</b>
Protected and secret mix of micro-elements < 5% - containing B, Mo an Si
PEG400 stabilizer 45%
Demineralised water up to 100%

<b>3. Hazards identification</b>	
Most important hazards	Potential Health Effects
Eye	: May cause mild eye irritation.
Skin	: Low hazard for usual industrial handling.
Ingestion	: May cause gastrointestinal irritation with nausea, vomiting and diarrhoea.
Inhalation	: No hazard expected in normal industrial use.
Chronic	: Prolonged exposure may cause eye irritation.

<b>4. First aid measures</b>	
Eyes	: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical aid.
Skin	: Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.
Ingestion	: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid.
Inhalation	: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

**5. Fire-fighting measures**

General information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media	:	In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.
Auto-ignition temperature	:	Not available.
Flash point	:	Not available.
NFPA rating	:	Health-0; flammability-1; reactivity-0
Explosion limits, lower	:	Not available.
Upper	:	Not available.

**6. Accidental release measures**

Personal precautions	:	Use personal protective equipment.
General information	:	Use proper personal protective equipment as indicated in section 8.
Spills/leaks	:	Sweep up, then place into a suitable container for disposal. Absorb spill using an absorbent, non-combustible material such as earth, sand, or vermiculite.

**7. Handling and storage**

Handling	:	Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and wash before reuse. Use with adequate ventilation.
Technical measures/precautions	:	Combustible material, reducing agents, strong bases. Protect from contamination.
Storage	:	In the dark; keep separated from flammable materials, reducing agents and strong bases.
Packaging material	:	Stainless steel, aluminium, pet, plastics.

**8. Exposure controls/personal protection**

Engineering Controls	:	Good general ventilation should be sufficient to control airborne levels. Personal Protective Equipment
Eyes	:	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
Skin	:	Wear appropriate protective gloves to prevent skin exposure.
Clothing	:	Wear appropriate protective clothing to prevent skin exposure.
Respirators	:	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

**9. Physical and chemical properties**

Physical appearance	:	liquid
Colour	:	clear/ green
Odour	:	mild odour
Boiling point/range	:	114°C
pH	:	0.5 (concentrated) 6.0 (diluted 500 times)
Vapour pressure	:	<0 mm Hg
Viscosity	:	Not available.
Boiling point	:	Not available.
Freezing/melting point	:	-21°C.
Decomposition temperature	:	Not available.
Specific gravity/density	:	1.15 g/cm <sup>3</sup>
Molecular formula	:	Not available
Molecular weight	:	Not available.
Water solubility	:	Completely soluble.

**10. Stability and reactivity**

Chemical stability	:	Stable under normal temperatures and pressures.
Conditions to avoid	:	High temperatures, incompatible materials, ignition sources.
Incompatibilities with other materials	:	Strong oxidizing agents.
Hazardous decomposition products	:	Carbon monoxide, carbon dioxide.
Hazardous polymerisation	:	Has not been reported.

**11. Toxicological information**

RTECS	
CAS# 25322-68-3:	TQ3500000 TQ3600000 TQ3610000 TQ3620000 TQ3630000 TQ3650000 TQ3675000 TQ3700000 Q3800000 TQ3850000 TQ4025000 TQ4026000 TQ4027000 TQ4028000 TQ4030000 TQ4040000 TQ4041000 TQ4050000 TQ4070000 TQ4100000 TQ4105000 TQ4110000 TQ4950000 TQ5090000 TR1579850 ZD2465300
LD50/LC50:	
CAS# 25322-68-3:	Oral, mouse: LD50 = 34 gm/kg; Oral, rabbit: LD50 =14 gm/kg; Oral, rat: LD50 = 28 gm/kg; Skin, rabbit: LD50 = >20 gm/kg.
Carcinogenicity:	
	Poly(ethylene glycol), average M.W. 400 - Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA. See actual entry in RTECS for complete information.

**12. Ecological information**

Ecotoxicity effects available on request.
For further information, contact IBECO BV

**13. Disposal information**

Dispose of in a manner consistent with federal state and local regulations.
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**14. Transport information**

US DOT	:	No information available.
IMO	:	Not regulated as a hazardous material.
IATA	:	Not regulated as a hazardous material.
RID/ADR	:	Not regulated as a hazardous material.
Canadian TDG	:	No information available.

**15. Regulatory information**

European/international regulations

European labelling in accordance with EC directives

Hazard symbols : Not available.

Risk phrases/safety phrases : R36/38

S24/25

S26/45

WGK (water danger/protection) : CAS# 25322-68-3: 1

Canada : CAS# 25322-68-3 is listed on Canada's DSL/NDSL list.

CAS# 25322-68-3 is not listed on Canada's ingredient disclosure list. Exposure limits.

US FEDERAL : TSCA CAS# 25322-68-3 is listed on the TSCA inventory.

**16. Other information**

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.

Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for loss profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.