

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 Product Identifier Premium Greens Liquid 12-0-12
- 1.2. Relevant identified uses of the substance or mixture and uses advised against
Relevant uses: Use as a professional use fertiliser.
- 1.3. Details of the supplier of the safety data sheet
Company: Tour Best Europe Ltd, The Old Bakery, Hyde End Lane, Brimpton, Berkshire, RG7 4RH. UK.
Phone: +44 (0) 1189 710 997
Email: golf@tourbest.eu
- 1.4. Emergency telephone number +44 (0) 7725 962 366

SECTION 2: Hazards Identification

- 2.1. Classification of the substance or mixture
CLASSIFICATION according to Directive EC 1272/2008 Classification, Labelling and Packaging
This mixture is not classified as dangerous to humans or the environment
- CLASSIFICATION according to Directive 1999/45/EC and statutory instrument No.716 2009 Chemicals (Hazard Information and Packaging) regulation)
This mixture is not classified as dangerous to humans or the environment
- Primary Hazard: No hazard
- 2.2. Label elements
There are no statutory labelling requirements under Directive 1999/45/EC, regulation 1272/2008 and regulation 453/2012.
- 2.3. Other hazards
EUH208: Contains reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

SECTION 3: Composition/Information on Ingredients

Hazardous components:

Identification	Chemical Name/Classification		Concentration
CAS: 7757-79-1 EC: 231-818-8	Potassium Nitrate		5-10%
	Regulation 1272/2008	Oxid. Solid 3; H272	
CAS: 55965-84-9 EC: 611-341-5 INDEX: 613-167-00-5	reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)		<0.001%
	Regulation 1272/2008	Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; Skin Corr. 1B, H314; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1A, H317	

The full text and symbols for all hazard information if not displayed in section 2 or 3 are displayed in Section 16

SECTION 4: First-Aid Measures**4.1. Description of first aid measures**

By inhalation:	If symptoms arise remove from source of exposure to fresh air; seek medical attention if symptoms persist or develop.
By skin contact:	Drench immediately with water. Remove any contaminated clothing and laundry before re-use. Seek medical attention if symptoms persist or develop.
By eye contact:	Rinse cautiously for several minutes. Remove contact lenses, if present and easy to do, rinse with clean water for 15 minutes. Seek medical attention if symptoms persist or develop.
By consumption:	Do not induce vomiting. Wash out mouth with water and give water to drink. Seek medical attention if symptoms persist or develop.

4.2. Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction.

4.3. Indication of any immediate medical attention and special treatment needed

Information not available

SECTION 5: Fire-Fighting Measures**5.1. Extinguishing media**

Use Foam, carbon dioxide, dry powder, sand. The mixture is not classified as flammable as such extinguishing media should be chosen as appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Possible irritant and corrosive fumes arising from combustion including oxides of nitrogen.

5.3. Advice for fire-fighters

Cool down containers/equipment exposed to heat with a water spray. Contain spread of extinguishing fluids (these fluids may be hazardous for the environment). Wear complete protective clothing and self-contained breathing apparatus.

SECTION 6: Accidental Release Measures**6.1. Personal precautions, protective equipment and emergency procedures**

The following precautions are considered to be good practice when using any chemicals irrespective of their classification unless otherwise specified.

Use personal protective equipment (see section 8):	appropriate coveralls and gloves eye/face protection
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Avoid contact with skin and eyes

6.2. Environmental precautions

Do not allow to enter storm drains or water courses. If this product enters a water course or a sewer (including via contaminated soil & vegetation) in large quantities contact local water authority and inform the Environment Agency.

6.3. Methods and material for containment and cleaning up

Use soil, sand or other absorbent material. Contact specialist waste disposal contractor.

6.4. Reference to other sections

See section 8 for personal protective equipment specification.

SECTION 7: Handling and Storage**7.1. Precautions for safe handling**

Avoid contact with skin and eyes. Wash Hands thoroughly after handling

Do not eat, drink or smoke when using this product. Remove contaminated clothing and protective equipment before entering eating areas.

Avoid contact with metals, avoid the formation of mists in the atmosphere, work in a well-ventilated area.

Avoid any direct contact with the product, Do NOT handle without gloves. Do NOT handle if hands have any cuts or wounds.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool dry atmosphere, in original labelled containers. Refer to manufacturer for maximum safe stacking height. Keep away from heat sources, combustible materials.

Store away from incompatible materials – Strong acids, Strong oxidising substances, powdered metals, inorganic peroxides.

7.3. Specific end use(s)

No specific information available.

SECTION 8: Exposure Controls/Personal Protection**8.1. Control parameters**

Exposure limit values have not been determined for this mixture

8.2. Exposure controls

The following precautions are considered to be good practice when using any chemicals irrespective of their classification unless otherwise specified.

Goggles:	Eye Protection : goggles/face shield to BS EN166.
Gloves:	Acid-resistant protective gloves. Long protective gloves, which go over the sleeves
Skin and body protection:	Impermeable suit (Hypalon, Tyvek, Saranex, PVC...)
	Impermeable boots
	Wear suitable protective clothing, gloves and eye/face protection

Personal protective equipment must be defined after risk assessment for the workstation. Protective equipment must be chosen according to current CEN standards and in cooperation with the supplier of protective equipment.

SECTION 9: Physical and Chemical Properties**9.1. Information on basic physical and chemical properties**

Appearance:	Brown Liquid
pH:	8.5 – 9.5
Flammability (solid, gas):	Mixture not classified as Flammable
Upper/lower explosive limits:	Mixture not classified as Explosive
Specific gravity:	1.20±0.02

9.2. Other information

No other relevant information available.

SECTION 10: Stability and Reactivity**10.1. Reactivity**

No reactions known.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

Information not available.

10.4. Conditions to avoid

Extremes of temperature.

10.5. Incompatible materials

Powdered metals, metal containers.

10.6. Hazardous decomposition products

Possible Irritant fumes.

SECTION 11: Toxicological Information**11.1. Information on toxicological effects**

The mixture has not been assessed for toxicological effects. Full mixture classification is given in section 2. Individual component classifications are given in section 3 and 16.

Toxicological information on hazardous ingredients:

reaction mass of: 5-chloro-2-methyl-4-iso-thiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)

Acute toxicity:

LD/LC50 values that are relevant for classification:

Oral ATE mix > 5000 mg/kg (calculated)

Dermal ATE mix > 5000 mg/kg (calculated)

Inhalation ATE mix dust/mist > 5 mg/l, 4h (calculated)

Primary irritant effect:

on the skin: Caustic effect on skin and mucous membranes

on the eye: Strong caustic effect

Sensitisation:

Sensitization possible by skin contact

11.2. Other Information

None.

SECTION 12: Ecological Information**12.1. Toxicity**

Mixture not classified as toxic to the environment in accordance with Directive 1999/45/EC and CHIP regulations 2009

12.2. Persistence and degradability

Information not available

12.3. Bioaccumulative potential

Information not available

12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB assessment
Not classified

12.6. Other adverse effects
Information not available

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Use only licensed waste disposal companies. Do not re-use empty containers for any purpose, dispose of packaging in accordance with local regulations.

SECTION 14: Transport Information

This product is not regulated for transport (ADR/RID,IMDG,IATA)

SECTION 15: Regulatory Information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

This substance is classified and labelled in accordance with regulation 1999/45/EC, 1272/2008, the statutory instrument No.716 2009 Chemicals (Hazard Information and Packaging) regulations and the EC Fertiliser Regulations 2003, Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

15.2. Chemical Safety Assessment

The supplier has not carried out evaluation of chemical safety.

16. OTHER INFORMATION

The information contained herein relates only to the designated formulation and may not be valid if product is used in combination with other substances. The information is to the best of our knowledge, belief and understanding, true, accurate and reliable at the date of issue. However, the information may neither be exhaustive or complete, and no warranty, guarantee or liability concerning the accuracy or completeness of the information is expressed or implied. It is the user's risk and sole responsibility to verify and satisfy their own criteria and duty of care concerning the validity of the information in relation to their application of the product.

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