

PRODUCT: 38-0-10 HYDRO GRASS WATER SOLUBLE FERTILIZER.

1 - Product and company identification

COMMON NAME: 38-0-10 HYDRO GRASS WATER SOLUBLE FERTILIZER

· **Material uses:** Water soluble fertilizer for lawn.

· **Manufacturer / Supplier:**

GREENTAG SOLUTIONS inc.

210, boulevard Jean Leman, suite 209

CANDIAC, J5R 6E6

Canada

· **Further information obtainable from:**

GREENTAG SOLUTIONS inc.

210, boulevard Jean Leman, suite 209

CANDIAC, J5R 6E6

Canada

Tel.: 1-450-444-3663

Email: info@solutionsgreentag.com

· **Information in case of emergency: 1-450-444-3663**

. SIMDUT classification: Oxidizing substances
and toxic materials.

Numéro UN : 1486



2 - Hazards identification

Hazard status.

Emergency overview: This product is irritating to the eyes, respiratory system and skin.

Routes of entry: Dermal contact, Eye contact, Inhalation, Ingestion.

Potential acute health effects:

Eyes: Dust or powder may irritate eye tissue.

Skin: Dust or powder may irritate the skin.

Inhalation: Slightly irritating to the respiratory system.

Ingestion: If ingested, large amount may cause serious problems.

Potential chronic health effects: Carcinogenic effects: Not available.

Mutagenic effects: Not available.

Teratogenic effects: Not available.

Medical conditions : No information available for the product.

aggravated by overexposure

See toxicological information (section 11)

3 -Composition/information on ingredients

. Ingredients :	Nº CAS	Weight %
Potassium nitrate	7757-79-1	15-25 %

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4- First aid procedures

Eye contact:	Check for and remove any contact lenses. In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if symptoms occur.
Skin contact:	Remove contaminated clothing. Wash immediately with soap and water and rinse well. Get medical attention if symptoms occur
Inhalation:	If inhaled, move person to fresh air. If not breathing give artificial respiration and seek medical attention immediately.
Ingestion:	Drink water. Do not induce vomiting. Seek medical advice.
Notes to physician:	Provide general supportive measures and treat symptomatically.

5 -Fire and explosion

Flammability of the product:	Flammable
Products of combustion:	These products are oxide of nitrogen and carbon monoxide
Extinguishing media :	
Suitable	Product is compatible with standard fire fighting agents.
Not suitable:	None Known.
Special exposure hazards:	No specific hazard.
Other Fire or Explosion Hazard:	N/A
Special protective equipment for fire-fighters:	Fire-fighters should wear full protective clothing and selfcontained breathing apparatus.

6 . Accidental release measures

Personal precautions:	Wear a respirator approved by the NIOSH/MSHA.
Environmental precautions:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Methods for cleaning up:	If emergency personnel are unavailable, vacuum or carefully scoop up spilled material and place in an appropriate container for disposal by incineration. Avoid creating dusty conditions and prevent wind dispersal.

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7- Handling and storage

Handling: Avoid contact with eyes. Wash thoroughly after handling.
Storage: Keep in airtight container in fresh and dry area. Keep away from combustible materials and strong acids.

8- Exposure controls/personal protection

Personal protection:

Eyes Skin: Safety glasses.
Respiratory: NIOSH/MSHA approved respirator, if required.
Hands: Rubber gloves.
HMIS Code/Personal protective equipment B
Personal protection in case of a large spill: Safety glasses, goggles or face shield. Impervious gloves. Full suit. Boots. Wear NIOSH approved self-contained breathing apparatus or equivalent and full protective gear. Wash hands, forearms and face thoroughly after handling compounds and before eating, smoking and using the lavatory and at the end of the day. Follow good industrial hygiene practice.

9- Physical and chemical properties

Physical state:	Solid	Melting/freezing	N/A
Odor/ color:	N/A/blue	Bulk density:	N/A
Appearance:	pellets and powder	Relative density:	N/A
pH:	ND	Solubility:	N/D

10-Stability and reactivity

Stability and reactivity: The product is stable
Incompatibility with various substances: Organics, strong acids, strong alkalies,
Hazardous decomposition products: Formation of nitrogen oxides
Conditions of reactivity Strong heating

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11-Toxicological information

Toxicity data: Not available

<i>Product/ingredient name</i>	<i>Test</i>	<i>Result</i>	<i>Route</i>	<i>Species</i>
Potassium nitrate	LD ₅₀	3750 mg/kg	Oral	Rat

Acute Effects:

Eyes : Irritating to eyes.

Skin : No known significant effects or critical hazards.

Inhalation : Slightly irritating to the respiratory system.

Ingestion : No known significant effects or critical hazards.

Potential chronic health effects: Carcinogenic effects: Not available.
Mutagenic effects: Not available.
Teratogenic effects: Not available.

Target organs: Contains material which causes damage to the following organs: gastrointestinal tract, eye, lens or cornea.

12-Ecological information

Toxicity to aquatic organisms to low concentration

13-Disposal considerations

Waste disposal: The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Consult the relevant local or/and regional authorities.

14-Transport information

N/A

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15-Regulatory information

<i>Expedition name</i>	<i>Mixture of potassium nitrate</i>
<i>U.N. Number</i>	<i>1486</i>
<i>Packaging group</i>	<i>III</i>
<i>Display</i>	<i>5.1 oxidizing agent</i>

16- Other information

References: Manufacturer's Material Safety Data Sheet. -

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user.

All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.