

PRODUCT: 30-10-10 -HYDRO HEDGES- WATER SOLUBLE FERTILIZER FOR CEDAR HEDGES

1 - Product and company identification

COMMON NAME: 30-10-10 HYDRO HEDGES WATER SOLUBLE FERTILIZER FOR CEDAR HEDGES

· **Material uses:** Water soluble fertilizer for plants

· SIMDUT classification: D2A

· **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**

Numéro UN : N/A



2 - Hazards identification

Physical state: Solid.

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: May cause temporary irritation of the throat, stomach, and gastrointestinal tract.

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 :	N° CAS	Weight %
urea	57-13-6	
potassium nitrate	7757-79-1	15-30%
potassium sulfate	7778-80-5	
chelated iron	15708-41-5	1-3%
chelated copper	14025-15-1	

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chelated manganese	15375-84-5	
chelated zinc	14025-21-9	
sodium borate	1113-01-24	
Boric acid	10043-35-3	0-0,5%

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:	Wash with soap and water.
Inhalation:	If inhaled, move person to fresh air.
Ingestion:	Product is not considered toxic in small amounts.
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 Hydrogen chloride, ammonia and oxides of nitrogen and carbon. Carbon monoxide, carbon dioxide, nitrogen oxides. Clearance likely ammonia, biuret, cyanuric acid, hydrogen cyanide.
Extinguishing media :	
Suitable	Product is compatible with standard firefighting agents.
Not suitable:	None Known.
Special exposure hazards:	No specific hazard.
Other Fire or Explosion Hazard:	Noxious fumes and hydrogen chloride may be produced.
Special protective equipment for fire-fighters:	Fire-fighters should wear full protective clothing and selfcontained breathing apparatus.

6 . Accidental release measures

Personal precautions:	N/A
Environmental precautions:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

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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.

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 point:	N/A
Odor/ color:	Ammonia/blue	Bulk density:	N/A
Appearance:	crystals	Relative density:	45-75 lbs./cu.ft.
pH:	ND	Solubility:	soluble >90%

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

Product/ingredient name	Test	Result	Route	Species
Urea 57-13-6	LD ₅₀	8471 mg/kg	Oral	Rat
chelated iron 15708-41-5	LD ₅₀	5 g/kg	Oral	Rat/Mousse
Potassium nitrate	LD ₅₀	3750 mg/kg	Oral	Rat
Boric acid	LD ₅₀	> 2000 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

Harmful to aquatic life at low concentrations

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.

14-Transport information

No DOT regulated

15-Regulatory information

Expedition name	N/d
U.N. Number	N/d
Packaging group	N/d

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Display

N/d

16- Other information

Hazardous Material :

Information System

Health hazard	1
Fire hazard	0
Physical hazard	0
Personnal protection	B

HAZARD RATINGS

4- Extreme

3- Serious

2- Moderate

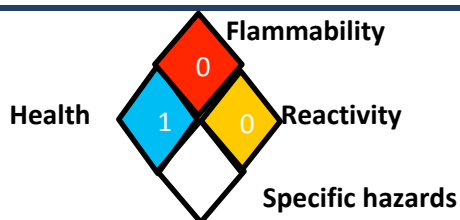
1- Slight

0- Minimal

See section 8 for more detailed information on personal protection.

National Fire Protection :

Association (U.S.A.)



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.