



**SAFETY DATA SHEET**  
**GAP-UP-41**  
**(GLYPHOSATE 41% SL)**

Page 1 of 5  
Issued: 15/01/2025  
Revision No: 00  
Ref: GAPL/GAP-UP-41

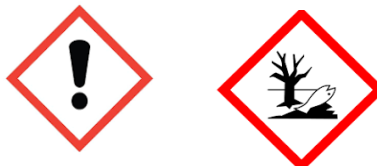
**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**

**Product name:** GAP-UP-41  
**Use / description of product:** Use as an agricultural/horticultural herbicide  
**Company name:** GREEN AGROCARE & POLYMERS PVT LIMITED  
FLAT No.605, SAPPHIRE BLD, CROW CITY,  
Near Mutha College, Kalyan west, Thane, Maharashtra, INDIA.  
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**2. HAZARDS IDENTIFICATION**

GHS Classification

Hazard Symbol



Signal Word :

**WARNING**

H302 Harmful if swallowed.  
H315 Harmful if in contact with skin.  
H332 Harmful if inhaled.  
H411 Toxic to aquatic life with long lasting effects

Precautionary statements

P273 Avoid release to the environment.  
P391 Collect spillage.  
P501 Dispose of contents/ container in accordance with national regulations.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical name	CAS	% w/w
Active ingredient (Glyphosate-isopropylammonium salt)	38641-94-0	41
Inert ingredients	-----	59

**4. FIRST AID MEASURES**

**Most Important symptoms and effects, both acute and delayed**

**Skin contact**  
**Eye contact**  
**Ingestion**

There may be mild irritation at the site of contact  
There may be irritation and redness.  
There may be soreness and redness of the mouth and throat

**Description of first aid measures**

**In general**

Never give fluids or induce vomiting if patient is unconscious or is having convulsions. Seek medical advice immediately (show the label where possible)

**After Ingestion**

Do not induce vomiting. Provided the patient is conscious. Wash mouth with water and give plenty of water to drink. Consult a physician or Doctor if victim feels unwell.



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Page 2 of 5  
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**After eye contact**

Flush eyes thoroughly with water for several minutes. Remove contact lenses after initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

**After skin contact**

Immediately wash skin with soap and plenty of water. Remove and wash contaminated clothing before re-use. Consult a physician if irritation develops.

**After Inhalation**

Move to fresh air. Consult a physician if victim feels unwell.

**Indication of any immediate medical attention and special treatment needed**

Supportive care. No specific antidote. Treatment based on judgement of physician, in response to symptoms of patient.

**5. FIRE-FIGHTING MEASURES**

**Extinguishing media:**

Water spray. Carbon dioxide. Dry chemical powder.

**Exposure hazards:**

May form flammable / explosive dust-air mixture. In combustion emits toxic fumes of sulphur Oxides, nitrogen oxides, carbon dioxide / carbon monoxide.

**Protection of fire-fighters:**

Wear self-contained breathing apparatus. Run-off from fire control may be a pollution hazard. If area is not too heavily exposed to fire, and if conditions permit, let fire burn itself out, since water may increase the contamination hazard.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:**

Eliminate all sources of ignition. Do not create dust.

**Environmental precautions:**

Do not discharge into drains or rivers. Contain the spillage using bunding.

**Clean-up procedures:**

Transfer to a closable, labelled salvage container for disposal by an appropriate method.

Do not use equipment in clean-up procedure which may produce sparks.

**7. HANDLING AND STORAGE**

**Handling requirements:**

Ensure there is sufficient ventilation of the area. Smoking is forbidden. Use non-sparking tools.

**Storage conditions:**

When handling do not eat, drink or smoke.

Store in cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed. Keep in original containers, out of reach of children Never allow the product to become wet during storage. This may lead to chemical changes, which will reduce the effectiveness as a fungicide and could create flammable vapours.

**Suitable packaging:**

Must only be kept in original packaging.



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Page 3 of 5  
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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Engineering measures:</b>	Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.
<b>Respiratory protection:</b>	Wear approved respirator.
<b>Hand protection:</b>	Protective gloves Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.
<b>Eye protection:</b>	Safety goggles.
<b>Skin protection:</b>	Mixers and loaders must wear overalls , protective goggles and chemical-resistant apron. Applicators and other handlers must wear overalls, goggles and waterproof gloves. Any clothing or other absorbent material which has been drenched or heavily contaminated must be discarded.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>State:</b>	Liquid
<b>Colour:</b>	Clear Yellow Solution
<b>Odour:</b>	Characteristic odor
<b>Solubility in water</b>	Soluble in water
<b>pH</b>	4.5 -6.0
<b>Specific Gravity</b>	1.17 ± 0.04 (20°C)

**10. STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable under normal conditions.
<b>Conditions to avoid:</b>	Acids and moisture (in storage)
<b>Hazardous decomp. products:</b>	Elevated temperature or free water promotes decomposition, which may cause spontaneous combustion. In combustion emits toxic fumes. In combustion emits toxic fumes of sulphur oxides, carbon dioxide / carbon monoxide, nitrogen oxides.

**11. TOXICOLOGICAL INFORMATION**

<b>Hazardous ingredients:</b>	<b>Glyphosate-isopropylammonium salt</b>
<b><u>Acute toxicity (Assessment largely or completely based on data for active substance)</u></b>	
Acute Oral LD <sub>50</sub> (Rat)	>5000 mg/kg
Acute Dermal LD <sub>50</sub> (Rat)	>5000 mg/kg
Acute Inhalation LD <sub>50</sub>	> 1.0 mg/l
EYE Irritation (Rabbit)	Not eye irritation.
SKIN Irritation (Rabbit)	Non irritant
Skin Sensitization (Guinea Pig)	sensitizing to Guinea pig skin



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Page 4 of 5  
 Issued: 15/01/2025  
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**12. ECOLOGICAL INFORMATION**

Ecotoxicity: (Assessment largely or completely based on data for active substance)

<b><u>Aquatic toxicity :</u></b>	Material is very toxic to aquatic organisms.
<b>Fish</b>	
LC <sub>50</sub> (96 h,)	Rainbow Trout > 1000 ppm
<b>Algae</b> EC <sub>50</sub> (120 hr)	<i>Selenastrum capricornutum</i> < 150 mg /L
<b>Daphnia</b> EC <sub>50</sub> (48 hr)	EC <sub>50</sub> < 675 microgm/L
<b>Bird</b>	Material is practically non-toxic to birds.
Acute Oral, LD <sub>50</sub> (10 d)	Mallard ducks > 5620 mg/kg
Acute dietary, LC <sub>50</sub> (8 d)	Bobwhite quail > 5620 mg/kg
<b>Honey Bee</b>	Material is non-toxic to bees.
LD <sub>50</sub> (oral)	> 100 µg/bee;
LD <sub>50</sub> (contact)	> 100 µg/bee.
<b>Environmental Fate</b>	
<b>Persistence and Degradability:</b>	No data
<b>Bio-accumulation potential:</b>	No data
<b>Mobility in soil:</b>	No data

**13. DISPOSAL CONSIDERATIONS**

<b>Disposal operations:</b>	Do not contaminate water, food or feed by disposal. Wastes resulting from the use of this product may be disposed of at an approved waste disposal facility.
<b>Disposal of packaging:</b>	Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**14. TRANSPORT INFORMATION**

<b>U.S&gt; Department of Transportation (DOT)</b>	
<b>Bulk</b>	
<b>UN no:</b>	3082
<b>Shipping name:</b>	Bispyribac Sodium 10% SE, Environmentally Hazardous Substance, liquid, n.o.s.
<b>Hazard Class:</b>	9
<b>Packing group:</b>	III
<b>Land Transport (ADR / RID)</b>	
<b>UN no:</b>	3082
<b>Shipping name:</b>	Bispyribac Sodium 10% SE, Environmentally Hazardous Substance, liquid, n.o.s.
<b>Hazard Class:</b>	9
<b>Packing group:</b>	III

<b>Marine Transport (IMDG / IMO)</b>	
<b>UN no:</b>	3082
<b>Shipping name:</b>	Bispyribac Sodium 10% SE, Environmentally Hazardous Substance, liquid, n.o.s.



**Hazard Class:** 9  
**Packing group:** III  
**Marine pollutant:** Yes  
**EmS:** F-A, S-F

**Air transport (IATA / ICAO)**

**UN no:** 3082  
**Shipping name:** Bispyribac Sodium 10% SE, Environmentally Hazardous Substance, liquid, n.o.s.  
**Hazard Class:** 9  
**Packing group:** III  
**Cargo Packing instructions:**

**15. REGULATORY INFORMATION**

**Hazard pictogram :**

	
<b>GHS07</b> <b>Exclamation Mark</b>	<b>GHS09</b> <b>Environment</b>

**16. OTHER INFORMATION**

**Legal disclaimer:**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.