

GLYPHOSATE 41% SL
HERBICIDE
MATERIAL SAFETY DATA SHEET

NON-Hazardous according to the Work safe Criteria
IDENTIFICATION OF PRODUCT AND COMPANY

Product name: BOUND OFF (GLYPHOSATE 41% SL)

Manufacturer: JAI SHREE RASAYAN UDYOG LTD.
Address: M-4, Aradhana Bhawan,
Commercial Complex, Azadpur,
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COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Proportion
Glyphosate (as isopropylamine salt)	38641-94-0	410g/L
Surfactant medium content		
Water	7732-18-5	medium content
Recommended Use:	Post Emergence Herbicide	

HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Immediate Concerns:

- *Causes Eye Irritation
- *Avoid Contact with Eyes or Clothing
- *Wash Thoroughly with Soap and Water after Handling
- *Keep Out of Reach of Children

POTENTIAL HEALTH EFFECTS

Eyes: Eye contact may cause discomfort, tearing, swelling, redness and blurred vision.

Skin: No prolonged or significant skin irritation is expected. Practically non-toxic if absorbed.

Ingestion: Ingestion may produce irritation of digestive tract, cause nausea, vomiting and diarrhoea.

Inhalation: Overexposure to spray mist may result in minor irritation of the upper respiratory tract.

FIRST AID MEASURES

Eyes: Irrigate with copious quantities of water. Seek medical attention if irritation persists.

Skin: Wash contaminated skin with soap and plenty of water. Removed contaminated clothing and wash before re-use.

Ingestion: Do not induce vomiting. Contact Poison Information Centre or see immediate medical assistance.

Inhalation: If respiratory discomfort or irritation occurs, move person to fresh air. Seek medical assistance if discomfort or irritation persists.

Note: If poisoning occurs, immediately contact a doctor and follow the advice given. Show this Material Safety Data Sheet to a doctor.

FIRE FIGHTING MEASURES

Specific Hazards:	Non combustible Liquid
Suitable Extinguishing Media:	Water spray, foam, CO2 or Dry Chemical.
Fire Fighting Further Advice:	Not combustible. Do not enter any enclosed confined fire space without proper protective equipment.

ACCIDENTAL RELEASE MEASURES

Small Spills: Soak up spilled material with paper towels and dispose in rubbish bin.

Large Spills: Contain – prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect contaminated absorbent and place in plastic-lined drums for disposal. Wash area down with detergent and plenty of water. If contamination of crops or waterways has occurred advise services or State Department of Agriculture.

HANDLING AND STORAGE

Store product only in original container in a secured storage area.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures:	No special ventilation is necessary.
Personal Protection:	When handling product, wear safety glasses and protective gloves. Wash hands and contaminated skin thoroughly after handling.

PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Odour:	Practically odourless to slight amine-like odour
Colour:	Amber to yellow colour
Solubility in Water:	Soluble
Specific Gravity . :	1.17 at (200C):

STABILITY AND REACTIVITY

Stability:	Product is stable for at least 5 years under normal conditions of warehouse storage.
Incompatible Materials:	Mix, spray, apply and store solutions of product only in stainless steel, aluminum, fibreglass, plastic or plastic-lined containers. DO NOT use galvanised or unlined mild steel containers as the product can react with such containers to produce a highly combustible mixture of hydrogen gas.

TOXICOLOGICAL INFORMATION

Acute:	
Eyes:	Rabbit – moderately
Dermal LD50:	Rat = > 5.0 g/kg
Oral LD50:	Rat = > 5.0 g/kg
Inhalation LC50:	Rat – 4 hour inhalation exposure = > 2.9 mg/litre
Chronic:	No significant effects.
Carcinogenicity:	Glyphosate is not considered to be a carcinogen.

ECOLOGICAL INFORMATION

Avoid contaminating waterways. This product would be slightly to moderately toxic to fish, but practically nontoxic to avian species and honeybees. This product is

rapidly adsorbed to soil, readily biodegrades in soil and water and does not bio-accumulate.

DISPOSAL CONSIDERATIONS

Do not reuse empty container - rinse empty containers thoroughly before disposal in local authority landfill. Do not dispose of product down any drain.

TRANSPORT INFORMATION

Not Classified as Dangerous Goods for transport by road or rail.

REGULATORY INFORMATION

Poisons Schedule: S5

OTHER INFORMATION

This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.