

MATERIAL SAFETY DATA SHEET

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SECTION I – GENERAL INFORMATION

TRADE NAME	IMITATOR PLUS
CHEMICAL NAME	Isopropylamine salt of N-(phosphonomethyl) glycine
CHEMICAL FAMILY	Herbicide (Glyphosate)
EPA REG. NO.	19713-526
SIGNAL WORD	CAUTION

SECTION II – INGREDIENTS (Class = H (Hazardous), NH (Non-Hazardous))

NAME	CAS NO.	% (by wt.)	TLV	CLASS
Glyphosate, Isopropylamine salt	38641-94-0	41.0	5mg/m ³	NH
Inerts	N/A	59.0	N/A	NH

SECTION III – PHYSICAL DATA

Boiling Point	ND	Specific Gravity	1.17 gms/cc
Vapor Pressure	ND	% Volatiles	Negligible
Vapor Density	N/A	Solubility in Water	Soluble
pH	4.99 (1% solution)	Appearance/Odor	Clear, viscous amber-colored solution. Slight odor.

SECTION IV – FIRE & EXPLOSION DATA

Flash Point	>200°F
Extinguishing Media	Water spray, foam, dry chemical, CO ₂ , or any class B extinguishing agent.
Fire Fighting Procedures	Fire fighters should use self-contained breathing apparatus and full protective clothing. Thoroughly clean equipment after use. Prevent runoff if possible.

SECTION V – REACTIVITY DATA

Stability	Stable
Conditions to Avoid	Extreme Temperatures
Incompatibility	Spray solutions should be mixed, stored, or applied only in stainless steel, aluminum, fiberglass, or plastic containers.
Hazardous Decomposition Products	Oxides of Carbon and Nitrogen.
Hazardous Polymerization	Will not occur.

SECTION VI – HEALTH HAZARD DATA

Carcinogenicity	Non-carcinogenic
Toxicity Data	Oral LD50 (Rat) = >5,000 mg/kg Dermal LD50 (Rat) = >5,000 mg/kg 5mg/m ³
TLV	
N.F.P.A.	Health: 2, Fire: 1, Reactivity: 0 (Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)
Effects of Overexposure	Not expected to produce skin sensitization. Prevent eye contact. Avoid ingestion.

SECTION VII – EMERGENCY PROCEDURES

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious or convulsing person.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes.

Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

If in Eyes: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

SECTION VIII- SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill

For a spill less than one gallon on floor or other impervious surface, soak up with towels or other absorbent material and discard in trash. Clean the spill area with soap and water and rinse the area thoroughly. Large spills should be contained or diked and then absorbed with attapulgite, bentonite or other absorbent clays. Collect the contaminated absorbent, place in metal drum and dispose of in accordance with waste disposal method.

Waste Disposal Method

Dispose of in accordance with Local, State, and Federal Regulations.

SECTION IX – SPECIAL PROTECTION INFORMATION

Respiratory Protection	Avoid breathing vapor or spray mist.
Ventilation	General recommended.
Protective Gloves	Rubber gloves
Eye Protection	Safety goggles.
Other	Long sleeved shirt, pants, shoes and socks.

SECTION X – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling & Storage

KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.

Avoid contact with skin and eyes.

D.O.T. Description	Non-Regulated
Freight Description	Agricultural Herbicide, Liquid, N.O.S.
Reportable Quantity	N/A
E.R.G. Guide Sheet	171

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