

# MATERIAL SAFETY DATA SHEET

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## SECTION I – GENERAL INFORMATION

TRADE NAME	<b>SIMAZINE 4L</b>
CHEMICAL NAME	2-chloro-4,6-bis (ethylamine)-S-triazine
CHEMICAL FAMILY	Triazine (Herbicide)
EPA REG. NO.	19713-60
SIGNAL WORD	CAUTION

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

<u>NAME</u>	<u>CAS NO.</u>	<u>% (by wt.)</u>	<u>PEL</u>	<u>CLASS</u>
Simazine	122-34-9	42.1	N.E.	NH
Inerts	N/A	57.9	N/A	NH

## SECTION III – PHYSICAL DATA

<u>Boiling Point</u>	>212°F	<u>Specific Gravity</u>	1.14 gms/cc
<u>Vapor Pressure</u>	1.5 x 10 <sup>-8</sup> mmHg @ 25°C (Tech)	<u>% Volatiles (VOC):</u>	<5.0 %
<u>Vapor Density</u>	N/A	<u>Solubility in Water</u>	Disperses
<u>pH</u>	6-8	<u>Appearance/Odor</u>	Tan liquid, slight odor

## SECTION IV – FIRE & EXPLOSION DATA

Flash Point	>200°F
Extinguishing Media	Dry chemical, CO <sub>2</sub> , foam or water spray
Fire Fighting Procedures	Assure full protective clothing and self-contained breathing apparatus is worn. Stay upwind. Minimize run off if possible.

## SECTION V – REACTIVITY DATA

Stability	Stable
Conditions to Avoid	Extreme temperatures
Incompatibility	Acids and alkalis
Hazardous Decomposition Products	Oxide of Nitrogen and Carbon Chloride fumes
Hazardous Polymerization	Will not occur.

## SECTION VI – HEALTH HAZARD DATA

Carcinogenicity	Not listed by NTP/IARC/OSHA
Toxicity Data	Oral LD50 (Rat) = 5,000 mg/kg body weight Dermal LD50 (Rabbit) = >2,500 mg/kg body weight
TWA	10mg/m <sup>3</sup>
N.F.P.A.	Health: 1, Fire: 1, Reactivity: 0 (Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)
Effects of Overexposure	Dermatitis, Erythema, Gastritis, Mildly irritating to mucous membranes. 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 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.

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

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**  
Sweep up spills with absorbent clay or material. Place in suitable containers. Prevent runoff from entering waterways. Assure protective clothing is worn. Wash spill area with water containing a strong detergent followed by a rinse with water.

**Waste Disposal Method**  
Dispose of in accordance with Local, State, and Federal Regulations.

## SECTION IX – SPECIAL PROTECTION INFORMATION

Respiratory Protection	Normally none required
Ventilation	General recommended
Protective Gloves	Chemical-resistant
Eye Protection	Safety glasses
Other	Long-sleeve shirt and long pants, shoes plus socks

## SECTION X – SPECIAL PRECAUTIONS

**Precautions To Be Taken In Handling & Storage**  
KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.  
Keep Material in original containers. Keep away from foodstuffs.

D.O.T. Description	Non-Regulated
Freight Description	Agricultural Herbicide, Liquid, N.O.S.
Reportable Quantity	N/A
E.R.G.	151

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