

# 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))

| NAME     | CAS NO.  | % (by wt.) | PEL  | CLASS |
|----------|----------|------------|------|-------|
| 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<br>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<br>(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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