



MATERIAL SAFETY DATA SHEET #4013

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SUPERSEDES: 8/14/98

I. PRODUCT IDENTIFICATION

Product: Lescogran Selective Herbicide **Chemical Family:** Benzothiadiazole
Chemical Name/Synonyms: Bentazon, Basagran

II. PRODUCT INFORMATION: INGREDIENTS

| Chemical Name | TLV/TWA | %(by wt.) | CAS# |
|--|---------|-----------|------------|
| Sodium Bentazon: 3-(-1-methylethyl)-1h-2,1,3-benzothiadiazin-4(3H)-one | | | |
| -2,2 dioxide | 5 mg/m3 | 42.0 | 25057-89-0 |
| Inert Ingredients | ND | 58.0 | None |

III. PHYSICAL AND CHEMICAL CHARACTERISTICS

| | |
|--------------------------------------|---|
| Boiling Point: 212°F | Specific Gravity (water=1): 1.19 |
| Melting Point: NA | Bulk Density (lbs./cu. ft.): NA |
| Vapor Pressure (mm Hg): ND | Evaporation Rate: ND |
| Vapor Density (air = 1): ND | Percent Volatile: ND |
| Solubility in Water: Infinite | Appearance and Odor: Brown liquid, Unusual mild, sweet odor. |
| pH: 8.0-9.0 | |

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point (method Used): Not flammable **Auto Ignition Temperature:** NA
Lower Explosion Limits: NA **Upper Explosion Limits:** NA
NFPA/HMIS RATING: HEALTH 1 FIRE 0 REACTIVITY 0
Extinguishing Media: Foam Alcohol Foam Dry Chemical
 Water Spray Other CO₂

Special Fire-Fighting Procedures: Firefighters should be equipped with approved self-contained breathing apparatus and turnout gear. Use water spray to cool containers. Do not allow runoff to enter drains, sewers or water sources.

Unusual Fire and Explosion Hazards: None Known. Not an explosion hazard.

V. HEALTH HAZARDS

Primary Route(s) of Entry: Skin, eyes, inhalation, ingestion.

Signs & Symptoms of Exposure

Acute: If ingested in sufficient quantities, causes nausea, vomiting, diarrhea and tremors. Causes reversible irritation, redness, swelling to eye and abraded skin. Inhalation hazard of vapors is not anticipated at normal temperatures. Excessive inhalation of mist causes irritation of mucous membranes.

Emergency First-Aid Procedures

Eyes: Immediately wash eyes with running water for 15 minutes. If irritation develops, consult a physician.

Skin: Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. Consult a physician if irritation develops.

Inhalation: Move to fresh air. Aid in breathing if necessary and get medical attention.

Ingestion: If swallowed, dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.

Toxicity Information:

Oral LD₅₀: 2063 mg/kg (rat-acute) **Dermal LD₅₀:** >10,000 mg/kg

Inhalation LC₅₀: >8 mg/l **Eye Irritation:** Mild **Skin Irritation:** Mild

Positive Teratogen or Mutagen Carcinogen(NTP): No **Potential Carcinogen (IARC or OSHA):** No

VI. REACTIVITY

Stability: Stable Unstable

Conditions to Avoid: Do not allow to freeze.

Incompatibility: Per label, use only with recommended surfactants.

Hazardous Decomposition Products: Combustion may generate SO₂

Hazardous Polymerization: Will not occur Will occur

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

If material is spilled: Spills should be contained with a suitable sorbent or pillow and placed in a container for reuse or disposal.

This material is not regulated under RCRA or CERCLA. This product is not acutely toxic to fish or wildlife.

Waste Disposal Method: Dispose according to Federal EPA procedures as outlined in the Resource Conservation Recovery act (RCRA) and follow state and local guidelines. Triple rinse and puncture containers as required before disposal.

VIII. SPECIAL PROTECTION INFORMATION**Protective Equipment Suggested for Outdoor Application:**

Impervious Gloves Dust Mask Respirator(use NIOSH/MSHA approved)
 Impervious Boots Clean Clothing Eye Goggles / Safety Glasses

Protective Equipment Suggested for Confined Areas:

Sufficient Ventilation Respirator(use NIOSH/MSHA approved)
 Dust Mask Splash Goggles/Safety Glasses
 Eyewash Station Emergency Shower Impervious Apron

IX. STORAGE AND HANDLING

Precautions: Store in a cool, dry place if possible. Separate from other pesticides, fertilizers, seed, feed, foodstuffs, and away from drains, sewers, and water sources.

Other Precautions: Keep out of reach of children. Do not allow to freeze. Store in original, unopened containers. Keep containers tightly sealed when not in use. Wear approved herbicide respirator for pouring or spraying operations to avoid breathing mist. Wear appropriate protective clothing to avoid contact. Use good agricultural practices at all times.

X. FEDERAL REGULATORY INFORMATION:**SARA TITLE III; SEC. 311/312 HAZARD CATEGORIES**

| | |
|-------------------------------------|---------------|
| <u>Y</u> Immediate (acute) Health | SEC 302: NA |
| <u>N</u> Delayed (Chronic) Health | SEC 313: NA |
| <u>N</u> Fire | CERCLA RQ: NA |
| <u>N</u> Sudden Release of Pressure | CAA RQ: NA |
| <u>N</u> Reactivity | |

EPA Reg. No.: 7969-45-10404

HM 181 Shipping Name: Not Regulated.

NA = Not Applicable ND = Not Determined

Preparation and distribution of this Material Safety Data Sheet done by LESCO, Inc., 15885 Sprague Road Strongsville, Ohio 44136-1799, pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200).

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