

**SAFETY DATA SHEET**  
**Dismiss® South Herbicide**

**SDS # :** 6354-2-A  
**Revision date:** 2021-02-12  
**Format:** NA  
**Version** 1.04



**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Identifier**

**Product Name** Dismiss® South Herbicide

**Other means of identification**

**Product Code(s)** 6354-2-A

**Synonyms**

SULFENTRAZONE (FMC 97285):  
2',4'-dichloro-5'-(4-difluoromethyl-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl)  
methanesulfonanilide (IUPAC name);  
N-[2,4-dichloro-5-[4-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-  
1,2,4-triazol-1-yl]phenyl] methanesulfonamide (CAS name),  
, IMAZETHAPYR: N-[1-[(6-chloropyridin-3-yl)methyl]-4,5-dihydroimidazol-2-yl]nitramide

**Active Ingredient(s)** Sulfentrazone, Imazethapyr

**Chemical Family** Triazolinones, Imidazolinone

**Recommended use of the chemical and restrictions on use**

**Recommended Use:** Herbicide

**Restrictions on Use:** Use as recommended by the label.

**Supplier Address**

FMC Corporation  
2929 Walnut Street  
Philadelphia, PA 19104  
(215) 299-6000 (General Information)  
SDS-Info@fmc.com (E-Mail General Information)

**Emergency telephone number**

Medical Emergencies :  
1 800 / 331-3148 (U.S.A. & Canada)  
1 651 / 632-6793 (All Other Countries - Collect)

For leak, fire, spill or accident emergencies, call:  
1 800 / 424-9300 (CHEMTREC - U.S.A.)  
1 703 / 741-5970 (CHEMTREC - International)  
1 703 / 527-3887 (CHEMTREC - Alternate)

**2. HAZARDS IDENTIFICATION**

**Classification**

**OSHA Regulatory Status**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

|                                                    |            |
|----------------------------------------------------|------------|
| Acute toxicity - Inhalation (Dusts/Mists)          | Category 4 |
| Specific target organ toxicity (repeated exposure) | Category 2 |

**GHS Label elements, including precautionary statements**

**EMERGENCY OVERVIEW**

**Warning**

**Hazard Statements**

H332 - Harmful if inhaled

H373 - May cause damage to organs through prolonged or repeated exposure



**Precautionary Statements - Prevention**

P271 - Use only outdoors or in a well-ventilated area

P260 - Do not breathe dust/fume/gas/mist/vapors/spray

**Precautionary Statements - Response**

P314 - Get medical advice/ attention if you feel unwell

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing

P312 - Call a POISON CENTER or doctor if you feel unwell

**Precautionary Statements - Disposal**

P501 - Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

No hazards not otherwise classified were identified.

**Other Information**

Very toxic to aquatic life.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Chemical Family**

Triazolinones, Imidazolinone.

| Chemical name    | CAS-No      | Weight % |
|------------------|-------------|----------|
| Sulfentrazone    | 122836-35-5 | 33.3     |
| Glycerin         | 56-81-5     | 5-10     |
| Imazethapyr      | 81335-77-5  | 6.7      |
| Toluene          | 108-88-3    | 1-5      |
| Propylene glycol | 57-55-6     | 1-5      |

Synonyms are provided in Section 1.

**4. FIRST AID MEASURES**

**Eye Contact**

Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for further treatment advice.

**Skin Contact**

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20

minutes. Call a poison control center or doctor for further treatment advice.

|                                                                                             |                                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>                                                                           | Move to fresh air. If person is not breathing, contact emergency medical services, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.                                       |
| <b>Ingestion</b>                                                                            | 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 person. |
| <b>Most important symptoms and effects, both acute and delayed</b>                          | Central nervous system effects.                                                                                                                                                                                                                                         |
| <b>Indication of immediate medical attention and special treatment needed, if necessary</b> | Treat symptomatically.                                                                                                                                                                                                                                                  |

## 5. FIRE-FIGHTING MEASURES

|                                                              |                                                                                                         |
|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Suitable Extinguishing Media</b>                          | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| <b>Small Fire</b>                                            | Dry chemical. Carbon dioxide (CO <sub>2</sub> ).                                                        |
| <b>Large Fire</b>                                            | Water spray. Foam.                                                                                      |
| <b>Unsuitable extinguishing media</b>                        | Avoid heavy hose streams.                                                                               |
| <b>Specific Hazards Arising from the Chemical</b>            | No information available                                                                                |
| <b>Hazardous Combustion Products</b>                         | Carbon oxides (COx), Nitrogen oxides (NOx), Sulfur oxides, Hydrogen chloride, Hydrogen fluoride.        |
| <b>Explosion data</b>                                        |                                                                                                         |
| <b>Sensitivity to Mechanical Impact</b>                      | No information available.                                                                               |
| <b>Sensitivity to Static Discharge</b>                       | No information available.                                                                               |
| <b>Protective equipment and precautions for firefighters</b> | Wear self-contained breathing apparatus and protective suit.                                            |

## 6. ACCIDENTAL RELEASE MEASURES

|                                  |                                                                                                                                                                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal Precautions</b>      | Isolate and post spill area. Wear suitable protective clothing, gloves and eye/face protection. Remove all sources of ignition. For personal protection see section 8.                                                                                |
| <b>Other</b>                     | For further clean-up instructions, call FMC Emergency Hotline number listed in Section 1 "Product and Company Identification" above.                                                                                                                  |
| <b>Environmental Precautions</b> | Keep people and animals away from and upwind of spill/leak.                                                                                                                                                                                           |
| <b>Methods for Containment</b>   | Dike to prevent runoff. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.                                                                                                                      |
| <b>Methods for cleaning up</b>   | Clean and neutralize spill area, tools and equipment by washing with water and soap. Absorb rinsate and add to the collected waste. Waste must be classified and labeled prior to recycling or disposal. Dispose of waste as indicated in Section 13. |

## 7. HANDLING AND STORAGE

|                 |                                                                                                                                                                               |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Handling</b> | Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal.                                                                                |
| <b>Storage</b>  | Keep in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep out of reach of children and animals. Store in original |

container.

**Packaging material**

Must only be kept in original packaging.

**Incompatible products**

None known

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters

| Chemical name                 | ACGIH TLV                                             | OSHA PEL                                              | NIOSH                                                                                                                                    | Mexico                                            |
|-------------------------------|-------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| Glycerin<br>(56-81-5)         | -                                                     | TWA: 15 mg/m <sup>3</sup><br>TWA: 5 mg/m <sup>3</sup> | -                                                                                                                                        | Mexico: TWA 10 mg/m <sup>3</sup>                  |
| Toluene<br>(108-88-3)         | TWA: 20 ppm                                           | TWA: 200 ppm<br>Ceiling: 300 ppm                      | IDLH: 500 ppm<br>TWA: 100 ppm<br>TWA: 375 mg/m <sup>3</sup><br>STEL: 150 ppm<br>STEL: 560 mg/m <sup>3</sup>                              | Mexico: TWA 20 ppm                                |
| Chemical name                 | British Columbia                                      | Quebec                                                | Ontario TWAEV                                                                                                                            | Alberta                                           |
| Glycerin<br>(56-81-5)         | TWA: 10 mg/m <sup>3</sup><br>TWA: 3 mg/m <sup>3</sup> | TWA: 10 mg/m <sup>3</sup>                             | -                                                                                                                                        | TWA: 10 mg/m <sup>3</sup>                         |
| Toluene<br>(108-88-3)         | TWA: 20 ppm                                           | TWA: 50 ppm<br>TWA: 188 mg/m <sup>3</sup><br>Skin     | TWA: 20 ppm                                                                                                                              | TWA: 50 ppm<br>TWA: 188 mg/m <sup>3</sup><br>Skin |
| Propylene glycol<br>(57-55-6) | -                                                     | -                                                     | TWA: 10 mg/m <sup>3</sup><br>aerosol only<br><br>TWA: 50 ppm<br>aerosol and vapor<br><br>TWA: 155 mg/m <sup>3</sup><br>aerosol and vapor | -                                                 |

Appropriate engineering controls**Engineering measures**

Apply technical measures to comply with the occupational exposure limits. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment.

Individual protection measures, such as personal protective equipment**Eye/Face Protection**

For dust, splash, mist or spray exposure, wear chemical protective goggles.

**Skin and Body Protection**

Wear long-sleeved shirt, long pants, socks, and shoes.

**Hand Protection**

Use protective gloves made of chemical materials such as nitrile or neoprene. Wash the outside of gloves with soap and water before reuse. Check regularly for leaks.

**Respiratory Protection**

For dust, splash, mist or spray exposures, wear a filtering mask.

**Hygiene measures**

Clean water should be available for washing in case of eye or skin contamination. Wash skin prior to eating, drinking, chewing gum or using tobacco. Shower or bathe at the end of working. Remove and wash contaminated clothing before re-use. Launder work clothing separately from regular household laundry.

**General information**

If the product is used in mixtures, it is recommended that you contact the appropriate protective equipment suppliers. These recommendations apply to the product as supplied.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

|                              |                          |
|------------------------------|--------------------------|
| Appearance                   | Off-white Liquid         |
| Physical State               | Liquid                   |
| Color                        | Off-white                |
| Odor                         | Low Alcohol              |
| Odor threshold               | No information available |
| pH                           | 3.36                     |
| Melting point/freezing point | Not applicable           |
| Boiling Point/Range          | No information available |
| Flash point                  | 76.6 °C / 169.88 °F      |
| Evaporation Rate             | No information available |
| Flammability (solid, gas)    | No information available |
| Flammability Limit in Air    |                          |
| Upper flammability limit:    | No information available |
| Lower flammability limit:    | No information available |
| Vapor pressure               | No information available |
| Vapor density                | No information available |
| Relative density             | 1.2 g/mL @ 25°C          |
| Specific gravity             | No information available |
| Water solubility             | Soluble in water         |
| Solubility in other solvents | No information available |
| Partition coefficient        | No information available |
| Autoignition temperature     | No information available |
| Decomposition temperature    | No information available |
| Viscosity, kinematic         | No information available |
| Viscosity, dynamic           | No information available |
| Explosive properties         | No information available |
| Oxidizing properties         | No information available |
| Molecular weight             | No information available |
| Bulk density                 | No information available |

**10. STABILITY AND REACTIVITY**

|                                    |                                                                                                  |
|------------------------------------|--------------------------------------------------------------------------------------------------|
| Reactivity                         | None under normal use conditions.                                                                |
| Chemical Stability                 | Stable.                                                                                          |
| Possibility of Hazardous Reactions | None under normal processing.                                                                    |
| Hazardous polymerization           | Hazardous polymerization does not occur.                                                         |
| Conditions to avoid                | Heat, flames and sparks.                                                                         |
| Incompatible materials             | None known.                                                                                      |
| Hazardous Decomposition Products   | Carbon oxides (COx), Nitrogen oxides (NOx), Sulfur oxides, Hydrogen chloride, Hydrogen fluoride. |

**11. TOXICOLOGICAL INFORMATION****Product Information**

|                                   |                                |
|-----------------------------------|--------------------------------|
| LD50 Oral                         | 5000 mg/kg (rat)               |
| LD50 Dermal                       | > 5000 mg/kg (rat)             |
| LC50 Inhalation (dust)            | > 2.09 mg/L 4 hr (rat)         |
| Serious eye damage/eye irritation | Minimally irritating (rabbit). |
| Skin corrosion/irritation         | Non-irritating.                |
| Sensitization                     | Non-sensitizing.               |

| Chemical name | LD50 Oral             | LD50 Dermal          | LC50 Inhalation (vapor)             |
|---------------|-----------------------|----------------------|-------------------------------------|
| Glycerin      | = 12600 mg/kg ( Rat ) | > 10 g/kg ( Rabbit ) | > 570 mg/m <sup>3</sup> ( Rat ) 1 h |

|                               |                      |                          |                         |
|-------------------------------|----------------------|--------------------------|-------------------------|
| (56-81-5)                     |                      |                          |                         |
| Imazethapyr<br>(81335-77-5)   | > 5 g/kg ( Rat )     | > 2000 mg/kg ( Rabbit )  |                         |
| Toluene<br>(108-88-3)         | = 2600 mg/kg ( Rat ) | = 12000 mg/kg ( Rabbit ) | = 12.5 mg/L ( Rat ) 4 h |
| Propylene glycol<br>(57-55-6) | 20000 mg/kg ( Rat )  | 20800 mg/kg ( Rabbit )   |                         |

**Information on toxicological effects****Symptoms**

Signs of toxicity in laboratory animals given sulfentrazone included clonic convulsions, ataxia, hypersensitivity to touch, chromorhinorrhea, abdominogenital staining, decreased locomotion, lacrimation, nasal discharge, and squinting eyes. Acute poisoning from ingestion of large quantities of liquid imidazolinone herbicide has resulted in hypotension, pulmonary dysfunction, oral mucosal and gastrointestinal irritation, leukocytosis, metabolic acidosis, and transient liver and renal dysfunction. Imidazolinone herbicides are CNS depressants, causing impaired consciousness and coma in some cases. Nausea and intense vomiting shortly following ingestion is common, and diarrhea may occur. Severe symptoms have included impairment of consciousness and respiratory distress requiring intubation. Decreased blood pressure may occur following excessive doses. Mucous membranes may become ulcerated following ingestions or splashes due to the corrosive action of imidazolinone. Aspiration pneumonitis is a common clinical occurrence following ingestions.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Chronic toxicity**

Sulfentrazone: Prolonged exposure cause decreased hemoglobin content and hematocrit, and increased spleen weight and splenic extramedullary hematopoiesis at high doses in animal studies.

**Mutagenicity**

Sulfentrazone, Imazethapyr: Not genotoxic in laboratory studies.

**Carcinogenicity**

Sulfentrazone, Imazethapyr: No evidence of carcinogenicity from animal studies.

**Neurological effects**

Sulfentrazone: Clinical signs of neurotoxicity in laboratory animals was observed at high dose levels

**Reproductive toxicity**

Sulfentrazone, Imazethapyr: No toxicity to reproduction in animal studies.

**Developmental toxicity**

Sulfentrazone: Fetal weight decreased; delayed skeletal ossification observed at maternally non-toxic doses are reversible effects and a dose-response is established; malformations observed in fetuses at maternally toxic doses and consistent with the mode of action for protoporphyrongen oxidase inhibitors. Developmental toxicity testing and results were generated for sulfentrazone with toluene present as an impurity.

**STOT - single exposure**

Imazethapyr: Not teratogenic in animal studies.

**STOT - repeated exposure**

Not classified.

**Target organ effects**

May cause damage to organs through prolonged or repeated exposure.

**Neurological effects**

Sulfentrazone: Hematopoietic system.

Sulfentrazone: Clinical signs of neurotoxicity in laboratory animals was observed at high dose levels

**Aspiration hazard**

No information available.

| Chemical name       | ACGIH | IARC    | NTP | OSHA |
|---------------------|-------|---------|-----|------|
| Toluene<br>108-88-3 |       | Group 3 |     |      |

**IARC (International Agency for Research on Cancer)**

Group 3 - Not classifiable as to its carcinogenicity to humans

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

| <b>Sulfentrazone (122836-35-5)</b> |            |                     |       |       |
|------------------------------------|------------|---------------------|-------|-------|
| Active Ingredient(s)               | Duration   | Species             | Value | Units |
|                                    | 96 h LC50  | Onchorhyncus mykiss | > 120 | mg/L  |
|                                    | 99 d NOAEC | Onchorhyncus mykiss | 2.95  | mg/L  |

|  |             |                                 |        |      |
|--|-------------|---------------------------------|--------|------|
|  | 48 h EC50   | Daphnia magna                   | 60.4   | mg/L |
|  | 21 d NOAEC  | Daphnia magna                   | 0.2    | mg/L |
|  | 120 h EC50  | Pseudokirchneriella subcapitata | 0.031  | mg/L |
|  | 120 h EC50  | Navivula pelliculosa            | 0.042  | mg/L |
|  | 14-day EC50 | Lemna gibba (duckweed)          | 0.0288 | mg/L |
|  | 14-d NOAEL  | Lemna gibba (duckweed)          | 0.019  | mg/L |

**Imazethapyr (81335-77-5)**

| Active Ingredient(s) | Duration  | Species        | Value  | Units  |
|----------------------|-----------|----------------|--------|--------|
| Imazethapyr          | 96 h LC50 | Fish           | 411.47 | mg/L   |
|                      | EC50 96h  | Algae          | 389.2  | mg/L   |
|                      | LD50 Oral | Bobwhite quail | 2,200  | mg/kg  |
|                      | LD50 Oral | Mallard duck   | 2,100  | mg/kg  |
|                      | LD50      | Bee            | >100   | µg/bee |

| Chemical name                     | Toxicity to algae                                                                                                       | Toxicity to fish                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Toxicity to daphnia and other aquatic invertebrates                                                                             |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Toluene<br>108-88-3               | 72 h EC50: = 12.5 mg/L (Pseudokirchneriella subcapitata) static 96 h EC50: > 433 mg/L (Pseudokirchneriella subcapitata) | 96 h LC50: 11.0 - 15.0 mg/L (Lepomis macrochirus) static 96 h LC50: 14.1 - 17.16 mg/L (Oncorhynchus mykiss) static 96 h LC50: 15.22 - 19.05 mg/L (Pimephales promelas) flow-through 96 h LC50: 5.89 - 7.81 mg/L (Oncorhynchus mykiss) flow-through 96 h LC50: 50.87 - 70.34 mg/L (Poecilia reticulata) static 96 h LC50: = 12.6 mg/L (Pimephales promelas) static 96 h LC50: = 28.2 mg/L (Poecilia reticulata) semi-static 96 h LC50: = 5.8 mg/L (Oncorhynchus mykiss) semi-static 96 h LC50: = 54 mg/L (Oryzias latipes) static | 48 h EC50: 5.46 - 9.83 mg/L (Daphnia magna) Static 48 h EC50: = 11.5 mg/L (Daphnia magna)                                       |
| Sulfentrazone<br>122836-35-5      | 32.6                                                                                                                    | 94 mg/L&5.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 60.4 mg/L&0.51                                                                                                                  |
| Ammonium hydroxide<br>1336-21-6   |                                                                                                                         | 96 h LC50: = 8.2 mg/L (Pimephales promelas)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 48 h EC50: = 0.66 mg/L (Daphnia pulex) 48 h EC50: = 0.66 mg/L (water flea)                                                      |
| Polyethylene glycol<br>25322-68-3 |                                                                                                                         | 24 h LC50: > 5000 mg/L (Carassius auratus)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                 |
| Cyclomethicone<br>556-67-2        |                                                                                                                         | 96 h LC50: > 1000 mg/L (Lepomis macrochirus) 96 h LC50: > 500 mg/L (Brachydanio rerio)                                                                                                                                                                                                                                                                                                                                                                                                                                           | 24 h EC50: = 25.2 mg/L (Daphnia magna)                                                                                          |
| Glycerin<br>56-81-5               |                                                                                                                         | 96 h LC50: 51 - 57 mL/L (Oncorhynchus mykiss) static                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 24 h EC50: > 500 mg/L (Daphnia magna)                                                                                           |
| Magnesium Chloride<br>7786-30-3   | 72 h EC50: > 82.7 mg/L (Pseudokirchneriella subcapitata)                                                                | 96 h LC50: 1970 - 3880 mg/L (Pimephales promelas) static 96 h LC50: = 4210 mg/L (Gambusia affinis) static                                                                                                                                                                                                                                                                                                                                                                                                                        | 48 h EC50: = 140 mg/L (Daphnia magna) Static 24 h EC50: = 1400 mg/L (Daphnia magna)                                             |
| Methyl ethyl ketone<br>78-93-3    |                                                                                                                         | 96 h LC50: 3130 - 3320 mg/L (Pimephales promelas) flow-through                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 48 h EC50: 4025 - 6440 mg/L (Daphnia magna) Static 48 h EC50: = 5091 mg/L (Daphnia magna) 48 h EC50: > 520 mg/L (Daphnia magna) |

**Persistence and degradability**

Sulfentrazone: Persistent. Does not readily hydrolyze. Not readily biodegradable.

**Bioaccumulation**

Sulfentrazone: The substance does not have a potential for bioconcentration.

**Mobility**

Sulfentrazone: Immobile. Not expected to reach groundwater.

**13. DISPOSAL CONSIDERATIONS**

**Waste disposal methods** Improper disposal of excess pesticide, spray mixture, or rinsate is prohibited. If these wastes cannot be disposed of by use according to label instructions, contact appropriate disposal authorities for guidance. Proper personal protective equipment, as described in Sections 7 and 8, must be worn while handling materials for waste disposal.

**Contaminated containers and packages** Containers must be disposed of in accordance with local, state and federal regulations. Refer to the product label for container disposal instructions. Do not reuse or refill this container.

## 14. TRANSPORT INFORMATION

**DOT** This material is not a hazardous material as defined by U.S. Department of Transportation 49 CFR Parts 100 through 185, unless shipped in bulk packaging. The classification below pertains to the shipment in bulk packaging [( $>119$  gal, liquid) or (882 lb, solid)].

**UN/ID no** UN3082  
**Proper Shipping Name** Environmentally hazardous substance, liquid, n.o.s.(sulfentrazone)  
**Hazard class** 9  
**Packing Group** III  
**Description** UN3082, Environmentally hazardous substance, liquid, n.o.s. (sulfentrazone), 9, PGIII, Marine pollutant

**TDG** Classification below is only applicable when shipped by vessel and is not applicable when shipped by road or rail only.

**UN/ID no** UN3082  
**Proper Shipping Name** Environmentally hazardous substance, liquid, n.o.s.(sulfentrazone)  
**Hazard class** 9  
**Packing Group** III  
**Marine Pollutant** Sulfentrazone.  
**Description** UN3082, Environmentally hazardous substance, liquid, n.o.s. (sulfentrazone), 9, PGIII, Marine pollutant

### ICAO/IATA

**UN/ID no** UN3082  
**Proper Shipping Name** Environmentally hazardous substance, liquid, n.o.s.(sulfentrazone)  
**Hazard class** 9  
**Packing Group** III  
**Description** UN3082, Environmentally hazardous substance, liquid, n.o.s. (sulfentrazone), 9, PGIII, Marine pollutant

### IMDG/IMO

**UN/ID no** UN3082  
**Proper Shipping Name** Environmentally hazardous substance, liquid, n.o.s.(sulfentrazone)  
**Hazard class** 9  
**Packing Group** III  
**EmS No.** F-A, S-F  
**Environmental Hazards** Sulfentrazone  
**Description** UN3082, Environmentally hazardous substance, liquid, n.o.s. (sulfentrazone), 9, PGIII, Marine pollutant

## 15. REGULATORY INFORMATION

### U.S. Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

| Chemical name | CAS-No | Weight % | SARA 313 - Threshold Values % |
|---------------|--------|----------|-------------------------------|
|               |        |          |                               |



**Dismiss® South Herbicide**

SDS #: 6354-2-A  
 Revision date: 2021-02-12  
 Version 1.04

|                    |          |     |     |
|--------------------|----------|-----|-----|
| Toluene - 108-88-3 | 108-88-3 | 1-5 | 1.0 |
|--------------------|----------|-----|-----|

**SARA 311/312 Hazard Categories**

|                                   |     |
|-----------------------------------|-----|
| Acute health hazard               | Yes |
| Chronic health hazard             | Yes |
| Fire hazard                       | No  |
| Sudden release of pressure hazard | No  |
| Reactive Hazard                   | No  |

**Clean Water Act**

| Chemical name                   | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|---------------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Toluene<br>108-88-3             | 1000 lb                     | X                      | X                         | X                          |
| Ammonium hydroxide<br>1336-21-6 | 1000 lb                     |                        |                           | X                          |

**CERCLA**

| Chemical name                   | Hazardous Substances RQs | Extremely Hazardous Substances RQs |
|---------------------------------|--------------------------|------------------------------------|
| Toluene<br>108-88-3             | 1000 lb<br>454 kg        |                                    |
| Ammonium hydroxide<br>1336-21-6 | 1000 lb<br>454 kg        |                                    |
| Methyl ethyl ketone<br>78-93-3  | 5000 lb<br>2270 kg       |                                    |

**FIFRA Information**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

**CAUTION**

Causes moderate eye irritation. Harmful if inhaled, swallowed, or absorbed through skin.  
 This pesticide is toxic to marine/estuarine invertebrates.

**US State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals.

| Chemical name      | California Prop. 65 |
|--------------------|---------------------|
| Toluene - 108-88-3 | Developmental       |

**U.S. State Right-to-Know Regulations**

| Chemical name               | New Jersey | Massachusetts | Pennsylvania |
|-----------------------------|------------|---------------|--------------|
| Glycerin<br>56-81-5         | X          | X             | X            |
| Toluene<br>108-88-3         | X          | X             | X            |
| Propylene glycol<br>57-55-6 | X          |               | X            |

**International Inventories**

| Chemical name               | TSCA<br>(United States) | DSL<br>(Canada) | EINECS/ELINCS<br>(Europe) | ENCS<br>(Japan) | China<br>(IECSC) | KECL (Korea) | PICCS<br>(Philippines) | AICS<br>(Australia) |
|-----------------------------|-------------------------|-----------------|---------------------------|-----------------|------------------|--------------|------------------------|---------------------|
| Glycerin<br>56-81-5         | X                       | X               | X                         | X               | X                | X            | X                      | X                   |
| Imazethapyr<br>81335-77-5   |                         |                 |                           |                 | X                |              |                        |                     |
| Toluene<br>108-88-3         | X                       | X               | X                         | X               | X                | X            | X                      | X                   |
| Propylene glycol<br>57-55-6 | X                       | X               | X                         | X               | X                | X            | X                      | X                   |

**CANADA**

Not applicable

**16. OTHER INFORMATION**

|             |                          |                       |                          |                              |
|-------------|--------------------------|-----------------------|--------------------------|------------------------------|
| <b>NFPA</b> | <b>Health Hazards</b> 1  | <b>Flammability</b> 2 | <b>Instability</b> 0     | <b>Special Hazards</b> -     |
| <b>HMIS</b> | <b>Health Hazards</b> 1* | <b>Flammability</b> 2 | <b>Physical hazard</b> 0 | <b>Personal Protection</b> X |

\*Indicates a chronic health hazard.

**NFPA/HMIS Ratings Legend**

Severe = 4; Serious = 3; Moderate = 2; Slight = 1; Minimal = 0

**Revision date:**

2021-02-12

**Reason for revision:**

SDS sections updated.

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**End of Safety Data Sheet**