

# MATERIAL SAFETY DATA SHEET



## 1. PRODUCT AND COMPANY IDENTIFICATION:

**PRODUCT:** Snapshot\* 2.5 TG Herbicide

### COMPANY IDENTIFICATION:

Dow AgroSciences  
9330 Zionsville Road  
Indianapolis, IN 46268-1189

## 2. COMPOSITION/INFORMATION ON INGREDIENTS:

Isoxaben: N-(3-(1-ethyl-1-methylpropyl)-5-isoxazolyl)-2,6-dimethoxybenzamide	CAS# 082558-50-7	0.5%
Trifluralin: alpha,alpha,alpha-trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine	CAS# 001582-09-8	2.0%
Inert Ingredients, Total, Including :		97.5%
Clay contains	CAS# 008031-18-3	
Crystalline Silica	CAS# 014808-60-7	

## 3. HAZARDOUS IDENTIFICATIONS:

### EMERGENCY OVERVIEW

Yellow free-flowing granule with slight aromatic odor. May cause moderate eye irritation with slight corneal injury.

Prolonged 72 .6.20.0 0.0068C0.7flo2u68 6 0 TD 0022gmatiTc 0.00 0.003 .00 0.003 D3 f .6.20.0 0.0068C0.7flo2u68

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## 2

**INGESTION:** If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.

**INHALATION:** Move person to fresh air; if effects occur, consult a physician.

**NOTE TO PHYSICIAN:** No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

### 5. FIRE FIGHTING MEASURES:

**FLASH POINT:** Not applicable

**METHOD USED:** Not applicable

#### FLAMMABLE LIMITS

LFL: Not applicable

UFL: Not applicable

**AUTO-IGNITION TEMPERATURE:** Does not ignite up to 1000°F (537°C).

**EXTINGUISHING MEDIA:** Use water fog, CO<sub>2</sub> or dry chemicals.

**FIRE AND EXPLOSION HAZARDS:** Will emit toxic vapors during combustion.

**FIRE-FIGHTING EQUIPMENT:** Wear full protective clothing and use positive-pressure, self-contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES:

**ACTION TO TAKE FOR SPILLS:** Contain and sweep up material of small spills and dispose as waste. Report large spills to Dow AgroSciences at 800-992-5994. Prevent runoff.

### 7. HANDLING AND STORAGE:

#### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

**HANDLING:** Keep out of reach of children. Harmful if swallowed or inhaled. Causes eye irritation. Avoid contact with eyes, skin and clothing. Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

**STORAGE:** Store in original container. Keep tightly closed when not in use. See product label for handling/storage precautions relative to the end use of this product.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

These precautions are suggested for conditions where a potential for exposure exists. Emergency conditions may require additional precautions.

#### EXPOSURE GUIDELINE(S):

Silica, crystalline: ACGIH TLV is 0.1 mg/M<sup>3</sup> (respirable) for tripoli, and fused silica, 0.05 mg/M<sup>3</sup> (respirable) for cristobalite, tridymite, and quartz. Quartz has an A2 designation. OSHA PEL is (30 mg/M<sup>3</sup>)/(%SiO<sub>2</sub>+2) total dust, (250 mppcf)/(%SiO<sub>2</sub>+5) or (10 mg/M<sup>3</sup>)/(%SiO<sub>2</sub>+2) respirable for quartz, tripoli, and fused silica; the value for cristobalite and tridymite is ½ the value calculated from the respirable dust formula for quartz.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES:

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## 15. REGULATORY INFORMATION:

**NOTICE:** The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations.

### U.S. REGULATIONS

**SARA 313 INFORMATION:** This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
Trifluralin	001582-09-8	2%

**SARA HAZARD CATEGORY:** This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

An immediate health hazard  
A delayed health hazard

**TOXIC SUBSTANCES CONTROL ACT (TSCA):** All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

**CALIFORNIA PROPOSITION 65:** The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986:

This product contains a chemical(s) known to the State of California to cause cancer. The chemical is crystalline silica.

**STATE RIGHT-TO-KNOW:** The following product components are cited on certain state lists as mentioned. Non-listed components may be shown in the composition section of the MSDS.

CHEMICAL NAME	CAS NUMBER	LIST
Trifluralin	001582-09-8	NJ2 NJ3 PA1 PA3
Crystalline Silica	014808-60-7	NJ3 PA1

NJ2=New Jersey Environmental Hazardous Substance (present at > or = to 1.0%).  
NJ3=New Jersey Workplace Hazardous Substance (present at > or = to 1.0%).  
PA1=Pennsylvania Hazardous Substance (present at > or = to 1.0%).  
PA3=Pennsylvania Environmental Hazardous Substance (present at > or = to 1.0%).

**OSHA HAZARD COMMUNICATION STANDARD:** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### **NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATINGS:**

CATEGORY	RATING
Health	2
Flammability	1
Reactivity	0

**COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (CERCLA, or SUPERFUND):** This product contains the following substance(s) listed as "Hazardous Substances" under CERCLA which may require reporting of releases:

Chemical Name	CAS Number	RQ	% in Product
Trifluralin	001582-09-8	10	2%

## 16. OTHER INFORMATION:

**MSDS STATUS:** Revised sections: 3, 4, 8, 11, 14 & 14  
Reference: DR-0353-4314.  
Replaces MSDS dated: 4/27/99  
Document Code: D03-082-002  
Replaces Document Code: D03-082-001

The Information Herein Is Given In Good Faith, But No Warranty, Express Or Implied, Is Made. Consult Dow AgroSciences For Further Information.