
GPA00026 TELAR TOSS-N-GO BAGS Revised 14-JAN-2009 Printed 14-JAN-2009

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Material Identification

"Telar" is a registered trademark of DuPont.

CAS Name : 2-Chloro-N-[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)aminocarbonyl]benzenesulfonamide
Grade : 75% Formulation

Product Use

Herbicide

Tradenames and Synonyms

Company Identification

MANUFACTURER/DISTRIBUTOR

E.I. du Pont Canada Company
P.O. Box 2200
Streetsville
Mississauga, Ontario L5M 2H3

PHONE NUMBERS

Product Information : 1-800-387-2122
Medical Emergency : 1-800-441-3637 (24 hours)

COMPOSITION/INFORMATION ON INGREDIENTS

Components

Material	CAS Number	%
*Chlorsulfuron (2-Chloro-N-[[4-Methoxy-6-Methyl-1,3,5-Triazin- 2-YL)Amino]Carbonyl]Benzenesulfonamide)	64902-72-3	75 WT%
Inert Ingredients		25 WT%

* Disclosure as a toxic chemical is required under Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

HAZARDS IDENTIFICATION

Potential Health Effects

CAUTION! May irritate eyes, nose, throat or skin.

ROUTES OF EXPOSURES AND EFFECTS:

ORAL (fasted rat): LD50 3,053 mg/kg (male); 2,341 mg/kg (female). Slightly toxic by ingestion.

DERMAL (rabbit): LD50 greater than 2,000 mg/kg. Slightly to moderately toxic by contact.

SKIN IRRITATION AND SENSITIZATION: Not a skin irritant (rabbits) nor a sensitizer (guinea pigs).

EYE CONTACT: Administration of 10 mg to rabbit eye produced very mild temporary conjunctival irritation and slight corneal cloudiness. Eyes were normal within four days.

CHRONIC STUDIES: Chlorsulfuron

DIETARY: Administration of 0, 100, 500, and 2,500 ppm chlorsulfuron to male and female young adult dogs for 6 months produced a no-observable-effect level (NOEL) of 2,500 ppm in the diet. No compound-related changes in nutritional, clinical, biochemical, gross or histopathological observations were made.

Administration of 0, 100, 500, and 2,500 ppm chlorsulfuron to male and female weanling rats for 2 years produced a NOEL of 100 ppm in the diet based on mild to moderate reduction in mean body weights and weight gains in male rats from the higher dose groups.

Oncogenicity studies conducted with male and female mice by dietary administration of 0, 100, 500, and 5,000 ppm chlorsulfuron for 2 years showed no compound-related behavioral, clinical, hematological, gross pathological, or histological abnormalities. Chlorsulfuron was not oncogenic at any level. The overall NOEL was 500 ppm as a body weight reduction occurred in the 5,000 ppm level.

REPRODUCTION: (rats) The dietary presence of chlorsulfuron at 500 ppm had no adverse effect on the reproduction or lactation performance of young adult rats (3-generation, 2-litters per generation).

TERATOGENICITY: Not teratogenic in rats at 2,500 ppm or up to 75 mg/kg in rabbits.

MUTAGENICITY: Not mutagenic in Ames bacterial assay, Chinese Hamster Ovary mammalian cell assay, rat dominant lethal assay, in vitro cytogenetic assay, or DNA repair assay.

(HAZARDS IDENTIFICATION - Continued)

No data is available to confidently predict the effects of overexposure to humans. However, based on animal studies human health effects of overexposure by inhalation, ingestion, or skin or eye contact may initially include: eye irritation with discomfort, tearing, or blurring of vision, or irritation of the upper respiratory passages.

Carcinogenicity Information

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

FIRST AID MEASURES

First Aid

INHALATION

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

SKIN CONTACT

In case of contact, immediately wash skin with soap and water. Wash contaminated clothing before reuse.

EYE CONTACT

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

INGESTION

If swallowed, immediately give 2 glasses of water and induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.

FIRE FIGHTING MEASURES

Flammable Properties

Lower Explosive Limit (LEL) is 0.090 g/L

Like most organic powders or crystals, under severe dusting conditions, this material may form explosive mixtures in air.

Extinguishing Media

Water Spray, Dry Chemical. CO2.

(FIRE FIGHTING MEASURES - Continued)

Fire Fighting Instructions

Wear self-contained breathing apparatus. Wear full protective equipment. Runoff from fire control may be a pollution hazard.

If area is exposed to fire and if conditions permit, let fire burn itself out. Burning pesticides may produce by-products more toxic than the original material. If product is on fire, wear self contained breathing apparatus and full protective equipment. Use water spray. Control runoff.

ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Initial Containment

Dike spill.

Spill Clean Up

Shovel or sweep up.

HANDLING AND STORAGE

Handling (Personnel)

Avoid breathing vapors or mist. Avoid breathing dust. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material.

Handling (Physical Aspects)

Keep away from heat, sparks and flames.

Storage

Store in a well ventilated place. Keep container tightly closed. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Use only with adequate ventilation. Keep container tightly closed.

Personal Protective Equipment

Eye/Face : Goggles or face shield when mixing and loading.
Additional : Protective clothing.
Protective Gloves : Chemical resistant gloves.

Exposure Guidelines

Applicable Exposure Limits

Chlorsulfuron
PEL (OSHA) : None Established
TLV (ACGIH) : None Established
AEL * (DuPont) : 10 mg/m³, 8 & 12 Hr. TWA

* AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Solubility in Water : Dispersible
Odor : None
Form : Solid
Color : White to tan
Specific Gravity : 0.59 @ 25C
Bulk Density (Loose) : 36 lb/cu ft
Bulk Density (Packed) : 30 lb/cu ft
Bulk Density (Loose) : 577 kg/m³
Bulk Density (Packed) : 481 kg/m³
Density : 0.58-0.68 g/cm³

STABILITY AND REACTIVITY

Chemical Stability

Stable at normal temperatures and storage conditions.

Incompatibility with Other Materials

None reasonably foreseeable.

Decomposition

Decomposes with heat.

(STABILITY AND REACTIVITY - Continued)

Polymerization

Polymerization will not occur.

TOXICOLOGICAL INFORMATION

Animal Data

Please refer to HAZARDS IDENTIFICATION section

ECOLOGICAL INFORMATION

Ecotoxicological Information

Aquatic Toxicity

The active ingredient is considered very low to slightly toxic:

Rainbow Trout LC50 (96 hr) > 250 ppm.

Fathead minnows LC50 (96 hr) > 300 ppm.

DISPOSAL CONSIDERATIONS

Waste Disposal

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Do not flush to surface water or sanitary sewer system.

Do not reuse container. Triple rinse (or equivalent), then dispose of in accordance with Federal/Provincial recommendations.

TRANSPORTATION INFORMATION

Shipping Information -- Canada

This material is Not Regulated.

REGULATORY INFORMATION

Canadian Regulations

Regulated under the Pest Control Products Act--WHMIS Exempt

Registration No. 21533 Pest Control Products Act

OTHER INFORMATION

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Responsibility for MSDS

----- Crop Protection E.I. du Pont Canada Company
Box 2200, Streetsville
Mississauga, Ontario L5M 2H3
(905) 821-3300.

Indicates updated section.

End of MSDS