



PRONONE 10G
Revised 15 July 2014 Printed 15 July 2014

CHEMICAL PRODUCT/COMPANY IDENTIFICATION

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	%
*Hexazinone Technical	51235-04-2	7-13
T Det EOP 61		1.5
INERTS		85-92

* 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: Eye irritant. May cause irritation to throat and/or skin.

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.

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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.

EYE CONTACT

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

SKIN CONTACT

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

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

Not a fire or explosion hazard.

Extinguishing Media

Water Spray, Foam, Dry Chemical, CO2.

Fire Fighting Instructions

Evacuate personnel to a safe area. Keep personnel removed and upwind of fire. Use water spray. Cool tank/container with water spray.

Because fire may produce toxic thermal decomposition products, wear a self contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or position-pressure mode.

Runoff from fire control may be a pollution hazard. Do not release runoff from fire control methods to sewers or

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waterways.

If area is heavily exposed to fire and if conditons permit, let fire burn itself out since water may increased the contamination area.

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. Prevent material from entering sewers, waterways, or low areas.

Spill Clean Up

Shovel or sweep up.

If exposed to rain, contain and prevent run-off. Do not contaminate any body of water.

Accidental Release Measures

If spill area is on ground near valuable plants or trees, remove top 3 inches of soil after initial cleanup.

HANDLING AND STORAGE

Handling (Personnel)

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

Handling (Physical Aspects)

Avoid dust generation.

Storage

Store in a cool, dry place. 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.

Provide general or local exhaust ventilation systems to maintain airborne concentrations below recommended limits. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Personal Protective Equipment

Wear chemically protective gloves, boots, aprons and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles.

Make emergency eyewash stations, safety/quick drench showers, and washing facilities available in work area.

RESPIRATORS

Seek professional advise prior to respirator selection and use. Follow OSHA respirator regulations (29FR 1910.134) and if necessary wear an MSHA/NIOSH approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination and presence of sufficient oxygen. For emergency or non-routine operations (cleaning spills, reactor vessels, or storage tanks) wear and SCBA.

WARNING! Air purifying respirators do not protect workers in oxygen-deficient atmospheres. If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit testing, periodic environmental monitoring, maintenance, inspection, cleaning and convenient, sanitary storage areas.

CONTAMINATED EQUIPMENT

Separate contaminated work clothes from street clothes. Launder before reuse. Remove material from your shoes and clean personal protective equipment.

Exposure Guidelines

Exposure Limits

PRONONE 10G

PEL (OSHA) : Particulates (Not Otherwise Regulated)
15 mg/m³, 8 Hr. TWA, total dust
5 mg/m³, 8 Hr. TWA, respirable dust

Other Applicable Exposure Limits

Hexazinone Technical

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

Velpar 2L

PEL (OSHA) : None Established
TLV (ACGIH) : None Established
AEL * (DuPont) : 10 mg/m³, 8 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

Form : Granular Solid.
Color : Tan.
Density : 35-40 lb/cu ft

STABILITY AND REACTIVITY

Chemical Stability

Stable at normal temperatures and storage conditions.

Decomposition

Decomposition will not occur.

Polymerization

Polymerization will not occur.

TOXICOLOGICAL INFORMATION

Animal Data

Acute Oral Effects: Rat, LD50: >5,000 mg/kg

Acute Dermal Effects: Rabbit, LD50: >2,500 mg/kg

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(TOXICOLOGICAL INFORMATION - Continued)

EYE:

The technical material produced mild to moderate corneal cloudiness with transient severe conjunctivitis and moderate iritis in unwashed rabbit eyes.

ECOLOGICAL INFORMATION

Ecotoxicological Information

Aquatic Toxicity

96 hour LC50, rainbow trout: >320 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.

Remove nonusable solid material and/or contaminated soil, for disposal in an approved and permitted landfill.

Container Disposal

Do not reuse container.

Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

TRANSPORTATION INFORMATION

Shipping Information -- Canada

This material is Not Regulated.

Please contact DuPont Canada Inc. for details.

REGULATORY INFORMATION

Canadian Regulations

Regulated under the Pest Control Products Act--WHMIS Exempt

Registration No. 21390 Pest Control Products Act

OTHER INFORMATION

Additional 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.

End of MSDS