

Safety data sheet

SOLO® WDG

Revision date : 2009/03/18
Version: 1.0

Page: 1/5
(30265587/SDS_CPA_CA/EN)

1. Substance/preparation and company identification

Company

BASF Canada Inc.
100 Milverton Drive
Mississauga, ON L5R 4H1, CANADA

24 Hour Emergency Response Information

CANUTEC (reverse charges): (613) 996-6666
BASF HOTLINE: (800) 454-COPE (2673)

Substance number: 000000063565
Molecular formula: C15 H19 N3 O4
Molecular weight: 305.3 g/mol
Synonyms: imazamox

2. Hazardous ingredients

Not WHMIS controlled.

3. Hazard identification

Emergency overview

WARNING: Contains the allergen sulfite(s). Causes eye irritation.
KEEP OUT OF REACH OF CHILDREN.
CAUSES SKIN IRRITATION.

Potential health effects

See Product Label for additional precautionary statements.

Acute toxicity:

Virtually nontoxic after a single skin contact.

Sensitization:

There is no evidence of a skin-sensitizing potential.

Repeated dose toxicity:

Potential environmental effects

Aquatic toxicity:

There is a high probability that the product is not acutely harmful to fish.
There is a high probability that the product is not acutely harmful to aquatic invertebrates.
Very toxic (acute effect) to aquatic plants.

Safety data sheet

SOLO® WDG

Revision date : 2009/03/18

Version: 1.0

Page: 2/5

(30265587/SDS_CPA_CA/EN)

4. First-aid measures

If inhaled:

Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary.

If on skin:

Rinse skin immediately with plenty of water for 15 - 20 minutes.

If in eyes:

Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing.

If swallowed:

Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

5. Fire-fighting measures

Flash point:		not applicable, Non-flammable.
Autoignition:		not applicable
Flammability:	does not ignite	
Self-ignition temperature:		not self-igniting

Suitable extinguishing media:

foam, dry extinguishing media, carbon dioxide, water spray

Hazards during fire-fighting:

carbon monoxide, carbon dioxide, nitrogen oxide, nitrogen dioxide, Hydrocarbons,
If product is heated above decomposition temperature, toxic vapours will be released. The substances/groups of substances mentioned can be released if the product is involved in a fire.

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

6. Accidental release measures

Personal precautions:

Take appropriate protective measures. Clear area. Shut off source of leak only under safe conditions. Extinguish sources of ignition nearby and downwind. Ensure adequate ventilation. Wear suitable personal protective clothing and equipment.

Environmental precautions:

Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater. Contain contaminated water/firefighting water.

Cleanup:

Dike spillage. Pick up with suitable absorbent material. Place into suitable containers for reuse or disposal in a licensed facility. Spilled substance/product should be recovered and applied according to label rates whenever possible. If application of spilled substance/product is not possible, then spills should be contained, solidified, and placed in suitable containers for disposal. After decontamination, spill area can be washed with water. Collect wash water for approved disposal.

Safety data sheet

SOLO® WDG

Revision date : 2009/03/18

Version: 1.0

Page: 3/5

(30265587/SDS_CPA_CA/EN)

7. Handling and storage

Handling

General advice:

No special measures necessary if stored and handled correctly.

Protection against fire and explosion:

Dust can form an explosive mixture with air. No explosion proofing necessary.

Storage

General advice:

Protect against moisture. Keep away from heat. Protect from direct sunlight.

8. Exposure controls and personal protection

Users of a pesticidal product should refer to the product label for personal protective equipment requirements.

Advice on system design:

Whenever possible, engineering controls should be used to minimize the need for personal protective equipment.

Personal protective equipment

RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS:

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) TC23C Chemical/Mechanical type filter system to remove a combination of particles, gas and vapours.

Hand protection:

Chemical resistant protective gloves (EN 374)

Eye protection:

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

9. Physical and chemical properties

Form:	granules	
Odour:	odourless	
Odour threshold:	No data available.	
Colour:	off-white	
pH value:	2.8	(2 %(m)) (as a dispersion)
Melting point:		not applicable, The substance / product decomposes therefore not determined.
Boiling point:		The product is a non-volatile solid., not applicable
Vapour pressure:		negligible
Bulk density:	430 kg/m3	(20 °C)
Partitioning coefficient n-octanol/water (log Pow):		not applicable

Safety data sheet

SOLO® WDG

Revision date : 2009/03/18

Page: 4/5

Version: 1.0

(30265587/SDS_CPA_CA/EN)

Viscosity, dynamic:	not applicable
Viscosity, kinematic:	not applicable
Solubility in water:	dispersible

10. Stability and reactivity

Conditions to avoid:

Avoid all sources of ignition: heat, sparks, open flame. Avoid extreme temperatures. Avoid prolonged exposure to extreme heat. Avoid contamination. Avoid electro-static discharge. Avoid prolonged storage. This product may form an explosive mixture if: 1. the dust is suspended in the atmosphere as a dust cloud AND 2. the concentration of the dust is above the lower explosion limit (LEL) AND 3. the limiting oxygen concentration (LOC) is exceeded.

Substances to avoid:

oxidizing agents

Oxidizing properties:

Not an oxidizer.

11. Toxicological information

Acute toxicity

Oral:

LD50/rat: > 5,000 mg/kg

Dermal:

LD50/rat: > 4,000 mg/kg

LD50/rabbit: > 2,000 mg/kg

Skin irritation:

rabbit: non-irritant

Eye irritation :

rabbit: non-irritant

Sensitization:

guinea pig: Skin sensitizing effects were not observed in animal studies.

12. Ecological information

Environmental fate and transport

Biodegradation:

Evaluation: Not readily biodegradable (by OECD criteria).

Information on: imazamox

Evaluation: Not readily biodegradable (by OECD criteria).

Information on: imazamox

Safety data sheet

SOLO® WDG

Revision date : 2009/03/18

Version: 1.0

Page: 5/5

(30265587/SDS_CPA_CA/EN)

Information on: imazamox
Acute and prolonged toxicity to fish:
Rainbow trout/LC50 (96 h): = > 122 ppm

Information on: imazamox
Acute toxicity to aquatic invertebrates:
Daphnia magna/EC50: >122 ppm

Information on: imazamox
Toxicity to aquatic plants:
algae/EC50 (120 h): > 0.037 mg/l

13. Disposal considerations

Waste disposal of substance:

Must be dumped or incinerated in accordance with local regulations.

14. Transport information

Reference Bill of Lading

15. Regulatory information

Federal Regulations

Registration status:

DSL, CA released / exempt

WHMIS does not apply to this product.

THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

16. Other information

Refer to product label for EPA registration number.

Local contact information

BASF Canada Product Safety
prod_reg@basf.com

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