

Safety data sheet

ADRENALIN SC

Revision date : 2009/07/10
Version: 2.0

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(30248179/SDS_GEN_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)

2. Hazardous ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Hazardous ingredients</u>
104-76-7	>= 0.5 - <= 1.5 %	2-ethylhexan-1-ol
14808-60-7	>= 0.1 - <= 1.0 %	crystalline silica
64742-94-5	>= 5.0 - <= 10.0 %	solvent naphtha
PCP# 27879		

3. Hazard identification

Emergency overview

Irritating to eyes, respiratory system and skin.
Contains a carcinogen.

Potential health effects

Repeated dose toxicity:
No known chronic effects.

4. First-aid measures

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

If on skin:

After contact with skin, wash immediately with plenty of water and soap. If irritation develops, seek medical attention.

If in eyes:

Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

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If swallowed:

Immediately rinse mouth and then drink plenty of water, do not induce vomiting, seek medical attention. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-fighting measures

Flash point: 118 °C (ASTM D93)

Suitable extinguishing media:

water spray, water fog, carbon dioxide, foam, dry extinguishing media

Hazards during fire-fighting:

carbon monoxide, carbon dioxide, nitrogen oxides
The substances/groups of substances mentioned can be released in case of fire.

Protective equipment for fire-fighting:

Wear self-contained breathing apparatus and chemical-protective clothing.

Further information:

In case of fire and/or explosion do not breathe fumes. Keep containers cool by spraying with water if exposed to fire. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. Accidental release measures

Personal precautions:

Use personal protective clothing. Avoid contact with the skin, eyes and clothing. Remove contaminated clothes, undergarments and shoes immediately.

Environmental precautions:

Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.

Cleanup:

Cleaning operations should be carried out only while wearing breathing apparatus. Collect waste in suitable containers, which can be labeled and sealed. Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations. Incinerate or take to a special waste disposal site in accordance with local authority regulations.

For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).

For large amounts: Dike spillage. Pump off product.

7. Handling and storage

Handling

General advice:

No special measures necessary if stored and handled correctly. Ensure thorough ventilation of stores and work areas.

Protection against fire and explosion:

Vapours may form ignitable mixture with air. Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy.

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Storage

General advice:

Keep away from heat. Protect against moisture. Protect from direct sunlight. Store protected against freezing.

Storage incompatibility:

General: Segregate from foods and animal feeds.

8. Exposure controls and personal protection

Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Respiratory protection in case of vapour/aerosol release.

Hand protection:

Chemical resistant protective gloves

Eye protection:

Safety glasses with side-shields.

Body protection:

light protective clothing

General safety and hygiene measures:

Avoid contact with the skin, eyes and clothing.

9. Physical and chemical properties

Form:	liquid	
Odour:	phenol-like	
Odour threshold:	No data available.	
Colour:	light brown	
pH value:	3.4	(2 %(m), 20 °C)
Vapour pressure:		No data available.
Density:	1.1528 g/cm3	(20 °C)
Bulk density:		dropped
Partitioning coefficient n-octanol/water (log Pow):		not applicable
Solubility in water:		dispersible

10. Stability and reactivity

Substances to avoid:

No data available.

Hazardous reactions:

No hazardous reactions if stored and handled as prescribed/indicated.

Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

Corrosion to metals:

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No data available.

11. Toxicological information

Acute toxicity

Oral:

LD50/rat/male/female: > 500 - < 2,000 mg/kg

Inhalation:

LC50/rat/male/female: > 4.90 mg/l / 4 h
An aerosol was tested.

Dermal:

LD50/rat/male/female: > 4,000 mg/kg

Skin irritation:

rabbit: Irritant.

Eye irritation :

rabbit: Irritant.

Sensitization:

modified Buehler test/guinea pig: Skin sensitizing effects were not observed in animal studies.

Carcinogenicity:

Information on: crystalline silica

The International Agency for Research on Cancer (IARC) has classified this substance as a Group 1 (known) human carcinogen.

12. Ecological information

Information on: imazamox

Evaluation: Not readily biodegradable (by OECD criteria).

Environmental toxicity

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

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Other ecotoxicological advice:

Do not discharge product into the environment without control.

13. Disposal considerations

Waste disposal of substance:

See product label for disposal and recycling instructions.

14. Transport information

Land transport

TDG

Not classified as a dangerous good under transport regulations

Sea transport

IMDG

Hazard class:	9
Packing group:	III
ID number:	UN 3082
Hazard label:	9, EHSM
Marine pollutant:	YES
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains 2,4-DICHLOROPHENOXY ACETIC ACID (2-ETHYLHEXYLESTER), SOLVENT NAPHTHA)

Air transport

IATA/ICAO

Hazard class:	9
Packing group:	III
ID number:	UN 3082
Hazard label:	9, EHSM
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains 2,4-DICHLOROPHENOXY ACETIC ACID (2-ETHYLHEXYLESTER), SOLVENT NAPHTHA)

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

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Local contact information

BASF Canada Product Safety
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