

SAFETY DATA SHEETS

This SDS packet was issued with item:

078071468

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

078085160

Product Name:
Issued:

IsoFlo
Jan-23-2009



MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer Name and Address: Abbott Laboratories
Animal Health Division
200 Abbott Park Rd.
Building J48
Abbott Park, Illinois 60064

Customer Service Telephone: 1 - 888 - 299 - 7416 (Abbott Animal Health 8:00 am - 5:00 pm CST)

Emergency Telephone: 1 (800) 424-9300 CHEMTREC (USA)
1 (703) 527 3887 CHEMTREC (INTERNATIONAL)

Product Name: IsoFlo

Synonyms: Isoflurane
Isosol
Isothesia
1-Chloro-1-(difluoromethoxy)-2,2,2-trifluoroethane
1-Chloro-2,2,2-trifluoroethyl difluoromethyl ether

List Number: 5260
B506

Drug Code Number: 24275

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percent	OSHA PEL	ACGIH TLV	AIHA WEEL	Abbott EEL	Skin Notation
Isoflurane 26675-46-7	100	Not Listed	Not Listed	Not Applicable	60 ppm (450 mg/m ³) TWA	None

Notes: OSHA PEL: US Occupational Safety and Health Administration-Permissible Exposure Limit.
ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value.
AIHA WEEL: American Industrial Hygiene Association - Workplace Environmental Exposure Level.
Abbott EEL: Abbott Laboratories Employee Exposure Limit.
TWA: 8-hour Time Weighted Average.
STEL: 15-minute Short Term Exposure Limit.
C: Ceiling Limit.

3. HAZARDS IDENTIFICATION

Emergency Overview:
Clear, colorless liquid.
Mild, pungent, musty, ethereal odor.
Product has sedative/anesthetic effects. May be irritating to skin, eyes and respiratory tract.

Routes of Exposure:
Oral: No
Dermal: Not determined.

Product Name: IsoFlo
Issued: Jan-23-2009

3. HAZARDS IDENTIFICATION

Inhalation: Clinical Route

Hazard Information:

Ingestion Rating: None.
Skin Absorption Rating: Not determined.
Inhalation Rating: None
Corrosiveness Rating: Not determined.
Skin Contact Rating: Not determined.
Skin Sensitization Rating: Not determined.
Eye Contact Rating: Not determined.
Target Organs: Nervous System, Respiratory System, Cardiovascular System , Digestive System , Fetus.

Carcinogenicity Rating:

Ingredients	Percent	OSHA:	NTP:	IARC:	ACGIH:
Isoflurane	100	Not Listed	Not Listed	Not Listed	Not Listed

NFPA Rating: Not determined.

Signs and Symptoms: Clinical data suggests the following: headaches, incoordination, nausea, slow heart rate, sedation, sleep, drowsiness, dizziness, hyperthermia, vomiting, breathing difficulty. Very rare instances of allergic reactions.

Medical Conditions Aggravated by Exposure: Data suggest any preexisting ailments in the following organs: central nervous system, cardiovascular system, gastrointestinal system, respiratory system. Hypersensitivity to the material and/or similar materials.

4. FIRST AID MEASURES

Eye Contact: Remove from source of exposure. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.

Skin Contact: Remove from source of exposure. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.

Inhalation: Remove from source of exposure. If signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.

Ingestion: Remove from source of exposure. If signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.

Notes To Physician: Maintain ventilation, electrolyte balance and monitor cardiovascular function, as necessary.

5. FIRE FIGHTING MEASURES

Flammability:

Product Name: IsoFlo
Issued: Jan-23-2009

Flammability Class: Non-flammable.
Lower Explosive Limit: Not determined.
Autoignition Temp. (°C): Not determined.

Fire-Fighting Information:

Suitable Extinguishing Media: Use appropriate medium for the underlying cause of the fire.

Special Protective Equipment: Full protective clothing and approved self-contained breathing apparatus required for fire fighting personnel.

Special Exposure Hazards: Thermal decomposition products may include: oxides of carbon , HCl. and HF

Min. Ignition Energy-Cloud (mJ): > 5000

6. ACCIDENTAL RELEASE MEASURES

Methods of Cleaning and Collecting: Clean up promptly. Absorb with suitable material. Ventilate and wash spill area. Place into an appropriate container for disposal. Dispose of material as directed in Section 13. Wash spill area site after wipe up is complete.

Personal Precautions: Restrict spill area to those equipped with personal protection specified in Section 8.

Environmental Precautions: Not determined.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin, or clothing.

Storage: Store according to label instructions.

Special Precautions: Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Anesthetic gas scavenging systems should be used during typical product application. Handle inside a process enclosure or chemical fume hood during manufacturing or laboratory use.

Respiratory Protection: If engineering controls are in place, respirators are generally not required during normal conditions of use.

Eyes: Eye protection not required during typical product use conditions. Wear eye protection appropriate to exposures during manufacturing/laboratory use.

Gloves: Impervious gloves.

Other PPE Data: Not determined.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, colorless liquid.
Odor: Mild, pungent, musty, ethereal odor.
Boiling Pt. @ 760 mm Hg (°C): 48.5

Product Name: IsoFlo
Issued: Jan-23-2009

9. PHYSICAL AND CHEMICAL PROPERTIES

Melting/Freezing Point (°C): Not determined.
Vapor Pressure (mm Hg) 295 - 330 mm Hg at 25 deg. C
Vapor Density (Air = 1): 6.3
Bulk Density at 20°C: 1.45
Solubility: Soluble in: organic solvents. Slightly soluble in: water (11.2 grams/l)
Specific Gravity: 1.496 @ 25 deg C
pH: Not determined.
Viscosity (centipoise): Not determined.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.
Self-Heating Tendency: No exotherms seen below 300 deg C in ARC testing.
Materials to Avoid: Strong bases. Alkaline metals.
Hazardous Decomposition Products: When heated to decomposition it emits : HF, HCl, COx.
Hazardous Polymerization: Not known to occur.
Conditions to Avoid: Not determined.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity - Oral: Data for component (s) given below.

Ingredients	Percent	Acute Test	Value	Units	Species
isoflurane	100	LD50 =	4770 - 5080	mg/kg	Mice Rats

Acute Toxicity - Dermal: Not determined.

Acute Toxicity - Inhalation: Data for component (s) given below.

Ingredients	Percent	Test	Value	Units	Species
isoflurane	100	LC 50 =	15,300 - 16,800	ppm	Rats Mice

Corrosivity: Not determined.

Dermal Irritation: Not determined.

Eye Irritation: A similar material is an eye irritant.

Sensitization: Not determined.

Target Organ Effects: In clinical use target organ effects include: central nervous system.

Reproductive Effects: In animals adverse reproductive effects include: maternal toxicity, reduced fetal growth, fetal abnormalities.

Carcinogenicity: Not determined.

Mutagenicity: Negative in the Ames assay. Negative in the chromosomal aberration assay.

Product Name: IsoFlo
Issued: Jan-23-2009

Ingredients	Percent	Ames Test:	Mouse Lymphoma Assay	Micronucleus Assay	Chromosomal Abbr. Assay
Isoflurane	100	Negative	No Data.	No Data.	Negative

Notes:

1. ALD: Approximate lethal dosage
2. LC50: Concentration in air that produces 50% mortality
3. LD50: Oral or dermal dosage that produces 50% mortality

12. ECOLOGICAL INFORMATION

Aquatic Toxicity: Not determined.

Biodegradation: Not determined.

General Notes: Do not allow undiluted material or large quantities to reach groundwater, bodies of water or sewer system.

Notes:

1. EC50: Concentration in water that produces 50% mortality in *Daphnia* sp.
2. LC50: Concentration in water that produces 50% mortality in fish.
3. EbC50/ErC50: Concentration in water that produces 50% inhibition of growth and in algae.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: All waste must be packaged, labeled, transported and disposed of in conformance with applicable local, state, and federal laws and regulations and in accordance with good engineering practices.

14. TRANSPORT INFORMATION

DOT/ADR:
Status: Not Regulated.

ICAO/IATA:
Status: Regulated.
Proper Shipping Name: Aviation regulated liquid, n.o.s (1-Chloro-1-(difluoromethoxy)-2,2,2-trifluoroethane)
Hazard Class: 9
UN ID: UN3334

IMDG:
Status: Not Regulated.

TDG (Canada):
Status: Not Regulated.

15. REGULATORY INFORMATION

SARA 313 Information

Product Name: IsoFlo
Issued: Jan-23-2009

Ingredients	Percent	SARA 313 Chemical:	CERCLA RQ/SARA EHS RQ (lbs):	SARA EHS TPQ (lbs):
Isoflurane	100	No	Not Applicable	Not applicable

SARA 311/312 Hazard Categories:

Immediate Health: Yes
Delayed Health: No
Fire: No
Sudden Pressure: No
Reactivity: No

TSCA Inventory Status: Exempt.

CERCLA Status: Not determined.

RCRA Status: Not determined.

Proposition 65 Status: Does not contain chemicals known to the state of California to cause cancer or reproductive harm.

EC HAZARD CLASSIFICATION:

Category of Danger: Exempt.
Indication of danger: Exempt.

GHS CLASSIFICATION: Not Determined.

CANADIAN REGULATIONS:

Canadian Inventory: Not determined.
Canadian NDSL: Not determined.
WHMIS Hazard Class: Not Determined.

Notes:

1. SARA = Superfund Amendments and the Reauthorization Act.
2. CERCLA = Comprehensive Environmental Response, Compensation and Liability Act.
3. FIFRA = Federal Insecticide, Fungicide and Rodenticide Act.
4. TSCA = Toxic Substances Control Act.
5. EC = European Community.
6. WHMIS = Canadian Workplace Hazardous Materials Information System.
7. UN GHS = United Nations Globally Harmonized System for Hazard Identification.

16. OTHER INFORMATION

Document Authored By: Global Occupational Toxicology (D-05TX)

Supersedes the MSDS dated: Oct-19-2007

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Product Name:
Issued:

IsoFlo
Jan-23-2009

Product Name: IsoFlo
Issued: Dec-27-2011



SAFETY DATA SHEET

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product Name: IsoFlo
Synonyms: Isoflurane; Isosol; Isothesia; 1-Chloro-1-(difluoromethoxy)-2,2,2-trifluoroethane; 1-Chloro-2,2,2-trifluoroethyl difluoromethyl ether
List Number: 5260; B506
Drug Code Number: 24275

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended use: General inhalation anaesthetic

1.3 Details of the supplier of the safety data sheet

Supplier: Abbott Laboratories
Animal Health Division
200 Abbott Park Road
Building J48
Abbott Park, IL 60048
Customer Service Telephone: 1 - 888 - 299 - 7416 (Abbott Animal Health 8:00 am - 5:00 pm CST)
E-mail Address: Abbott.SDS@abbott.com

1.4 Emergency telephone number

Emergency Telephone: CHEMTREC: 1(800) 424-9300 (in USA and Canada)
or +1-703-527-3887 (international)

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Regulation (EC) No 1272/2008

Specific target organ systemic toxicity (single exposure) Category 3

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Risk Phrases: R67 - Vapors may cause drowsiness and dizziness

2.2 Label elements

Product Name: IsoFlo
Issued: Dec-27-2011

Section 2. Hazards identification



Signal Word: Warning

Hazard Statements: H336 - May cause drowsiness or dizziness

Precautionary Statements: P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P304 + P340 - IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing
P312 - Call a POISON CENTER or doctor/physician if you feel unwell
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
P405 - Store locked up
P501 - Dispose of contents/container to an approved waste disposal plant

2.3 Other hazards

Not determined

Section 3. Composition/information on ingredients

Chemical Name	Percent	EINECS/ELINCS Number	EEC Classification	EU - GHS Substance Classification	REACH No.
Isoflurane 26675-46-7	100	247-897-7	R67	STOT SE 3 (H336)	No data available

For the full text of the R-phrases mentioned in this Section, see Section 16

For the full text of the H-Statements mentioned in this Section, see Section 16

Section 4. First aid measures

4.1 Description of first aid measures

Eye Contact: Remove from source of exposure. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.

Skin Contact: Remove from source of exposure. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.

Inhalation: Remove from source of exposure. If signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.

Ingestion: Remove from source of exposure. If signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.

Product Name: IsoFlo
Issued: Dec-27-2011

Protection of First-aiders: Use personal protective equipment

4.2 Most important symptoms and effects, both acute and delayed

Signs and Symptoms: Clinical data suggests the following: headaches, incoordination, nausea, slow heart rate, sedation, sleep, drowsiness, dizziness, hyperthermia, vomiting, breathing difficulty. Very rare instances of allergic reactions.

Medical Conditions Aggravated by Exposure: Data suggest any pre-existing ailments in the following organs: central nervous system, cardiovascular system, gastrointestinal system, respiratory system. Hypersensitivity to the material and/or similar materials.

4.3 Indication of any immediate medical attention and special treatment needed

Notes To Physician: Maintain ventilation, electrolyte balance and monitor cardiovascular function, as necessary.

Section 5. Firefighting measures

5.1 Extinguishing Media

Suitable Extinguishing Media: Use extinguishing agent suitable for type of surrounding fire

Unsuitable Extinguishing Media: Not determined

5.2 Special hazards arising from the substance or mixture

Special Exposure Hazards: Thermal decomposition products may include: Carbon oxides (COx) , Hydrogen Chloride (HCl). and Hydrogen fluoride

5.3 Advice for firefighters

Protective Equipment and Precautions for Firefighters: Wear self-contained breathing apparatus and protective suit

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions: Use personal protective equipment identified in Section 8.

6.2. Environmental precautions

Environmental Precautions: Contain material and prevent release to waterways or soil.

6.3. Methods and material for containment and cleaning up

Methods for Cleaning Up: Clean up promptly. Absorb with suitable material. Ventilate and wash the spill area. Recover product and place in an appropriate container for disposal. Dispose of material as directed in Section 13. Wash spill area.

6.4. Reference to other sections

Refer to Sections 8, 12, and 13 for further information.

Product Name: IsoFlo
Issued: Dec-27-2011

Section 7. Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin, eyes and clothing.

7.2. Conditions for safe storage, including any incompatibilities

Store according to label instructions.

7.3. Specific end use(s)

Recommended use: General inhalation anaesthetic

Section 8. Exposoure controls/personal protection

8.1. Control parameters

Exposure limits:

Chemical Name	Abbott EEL	Skin Notation
Isoflurane 26675-46-7	60 ppm (450 mg/m ³) TWA	None

Chemical Name	ACGIH TLV	France	German MAK	Ireland	Italy
Isoflurane 26675-46-7				50 ppm (TWA) 380 mg/m ³ (TWA) 50 ppm (TWA)	

Chemical Name	The Netherlands	Spain	Switzerland	UK OEL/MEL
Isoflurane 26675-46-7		383 mg/m ³ (TWA)	77 mg/m ³ (TWA) 616 mg/m ³ (STEL)	150 ppm (STEL) 1149 mg/m ³ (STEL) 150 ppm (STEL) 50 ppm (TWA) 383 mg/m ³ (TWA)

8.2. Exposure controls

Engineering Controls: Anesthetic gas scavenging systems should be used during typical product application. Handle inside a process enclosure or chemical fume hood during manufacturing or laboratory use.

Respiratory Protection: If engineering controls are in place, respirators are generally not required during normal conditions of use.

Eyes: Eye protection not required during typical product use conditions. Wear eye protection appropriate to exposures during manufacturing/laboratory use.

Gloves: Impervious gloves.

Other PPE Data: Wear appropriate body coverings if contact may occur.

Environmental Exposure Controls: Not determined

Product Name: IsoFlo
Issued: Dec-27-2011

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Clear Colorless Liquid
Odor:	Mild, pungent, musty, ethereal odor.
Odor Threshold:	Not determined
pH:	Not determined.
Boiling Pt. @ 760 mm Hg (°C):	48.5
Melting/Freezing Point (°C):	Not determined
Flash Point (°C):	Not determined.
Evaporation Rate at 20°C:	Not determined.
Flammability (Solid):	Not expected to be flammable in air.
Lower Explosive Limit:	14.5 (in 100% oxygen)
Upper Explosive Limit:	Not determined.
Vapor Pressure (mm Hg):	295 - 330 at 25 deg. C
Vapor Density (Air = 1):	6.3
Bulk Density at 20°C:	1.45
Specific Gravity:	1.496 @ 25 deg C
Solubility(ies):	Soluble in: organic solvents. Slightly soluble in: water.
Partition coefficient: n-octanol/water	Not determined.
Autoignition Temp. (°C):	Not determined.
Decomposition temperature (°C):	Not Determined
Viscosity (centipoise):	Not determined.
Explosion Severity:	Not determined.
Oxidizer Properties:	Not determined.

9.2. Other information

Min. Ignition Energy-Cloud (mJ): > 5000

Section 10. Stability and reactivity

10.1. Reactivity

Not determined

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

Hazardous reactions: None under normal processing

Self-Heating Tendency: No exotherms seen below 300 deg C in ARC testing.

10.4. Conditions to avoid

Not determined.

10.5 Incompatible materials

Product Name: IsoFlo
Issued: Dec-27-2011

Strong bases, Alkaline metals.

10.6 Hazardous decomposition products

When heated to decomposition it emits:, Hydrogen fluoride, Hydrogen chloride, Carbon oxides

Section 11. Toxicological information

11.1. Information on toxicological effects

Routes of Exposure:

Oral: Unlikely
Dermal: Yes
Inhalation: Clinical Route

Acute Toxicity - Oral: Data for component (s) given below.

Chemical Name	Acute Test	Value	Units	Species
Isoflurane 26675-46-7	LD50 =	4770 5080	mg/kg	Mice Rats

Acute Toxicity - Dermal: Not determined.

Acute Toxicity - Inhalation: Data for component (s) given below.

Chemical Name	Test	Value	Units	Species
Isoflurane 26675-46-7	LC 50 =	15,300 16,800	ppm	Rats Mice

Corrosivity: Not determined.

Dermal Irritation: Not determined.

Eye Irritation: Not determined.

Sensitization: Not determined.

Toxicokinetics/Metabolism: Not determined.

Target Organ Effects: May cause drowsiness or dizziness

Reproductive Effects: Not determined.

Carcinogenicity: Not determined.

Mutagenicity: Data for component (s) given below.

Chemical Name	Micronucleus Assay	Ames Test:	Mouse Lymphoma Assay	Chromosomal Abbr. Assay
Isoflurane 26675-46-7	No Data.	Negative	No Data.	Negative

Aspiration hazard: Not determined

Product Name: IsoFlo
Issued: Dec-27-2011

Notes:

1. ALD: Approximate lethal dosage
2. LC50: Concentration in air that produces 50% mortality
3. LD50: Oral or dermal dosage that produces 50% mortality

Section 12. Ecological information

12.1. Toxicity

Not determined.

12.2. Persistence and degradability

Not determined.

12.3. Bioaccumulative potential

Not determined

12.4. Mobility in soil

Not determined.

12.5. Results of PBT or vPvB assessment

Chemical safety report is not required for this substance/product.

12.6. Other adverse effects

Do not allow undiluted material or large quantities to reach groundwater, bodies of water or sewer system.

Notes:

1. EC50: Concentration in water that produces 50% mortality in *Daphnia* sp.
2. LC50: Concentration in water that produces 50% mortality in fish.
3. EbC50/ErC50: Concentration in water that produces 50% inhibition of growth and in algae.

Section 13. Disposal considerations

13.1 Waste treatment methods

Waste Disposal Methods: Disposal should be made in accordance with country, federal, state and local regulations.

Section 14. Transport information

ICAO/IATA

Status: Regulated

- 14.1. UN Number:** UN3334
- 14.2. Proper shipping name:** Aviation regulated liquid, n.o.s. (1-Chloro-1-(difluoromethoxy)-2,2,2-trifluoroethane)
- 14.3. Hazard class:** 9
- 14.4. Packing group:** III
- 14.5. Environmental hazard:** Not applicable
- 14.6. Special Provisions:** A27

Product Name: IsoFlo
Issued: Dec-27-2011

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

ADR, DOT, IMDG/IMO

Status: Not regulated

14.1. UN Number: Not applicable
14.2. Proper shipping name: Not applicable
14.3. Hazard class: Not applicable
14.4. Packing group: Not applicable
14.5. Environmental hazard: Not applicable
14.6. Special Provisions: Not applicable

Section 15. Regulatory Information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

International Inventories

Chemical Name	EINECS/ ELINCS	TSCA	DSL	NDSL	PICCS
Isoflurane 26675-46-7	247-897-7	-	-	Not listed.	-

Chemical Name	ENCS	ISHL	IECSC	AICS	KECL	New Zealand
Isoflurane 26675-46-7	-	-	-	-	-	HSR003785

Legend

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
ISHL - Japan Industrial Safety and Health Law
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances

Carcinogenicity Rating:

Chemical Name	Percent	NTP:	IARC:	ACGIH:
Isoflurane	100	Not Listed	Not Listed	Not Listed

SARA 313 Information

Chemical Name	Percent	SARA 313 Chemical:	CERCLA RQ/SARA EHS RQ (lbs):	SARA EHS TPQ (lbs):
Isoflurane	100	No	Not Applicable	Not applicable

Immediate Health: Yes
Delayed Health: No
Fire: No
Sudden Pressure: No
Reactivity: No

Product Name: IsoFlo
Issued: Dec-27-2011

Proposition 65 Status: Does not contain chemicals known to the state of California to cause cancer or reproductive harm.

WHMIS Hazard Class: Not determined.

NFPA Rating:
Health: 2
Fire: 1
Reactivity: 0

Notes:

1. SARA = Superfund Amendments and the Reauthorization Act.
2. CERCLA = Comprehensive Environmental Response, Compensation and Liability Act.
3. FIFRA = Federal Insecticide, Fungicide and Rodenticide Act.
4. TSCA = Toxic Substances Control Act.
5. EC = European Community.
6. WHMIS = Canadian Workplace Hazardous Materials Information System.
7. UN GHS = United Nations Globally Harmonized System for Hazard Identification.

15.2. Chemical safety assessment

Chemical safety assessment has not been conducted on the substance/product.

Section 16. Other information

Risk Phrases: R67 - Vapors may cause drowsiness and dizziness

Document Authored By: Global Occupational Toxicology (D-03QC)

Issued: Dec-27-2011

Supersedes the SDS dated: Jan-23-2009

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