# SAFETY DATA SHEET

Issuing Date 16-Apr-2010 Revision Date 08-Apr-2015 Revision Number 1



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# 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product identifier** 

Product Name ACC8100

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use LITHIUM ION BATTERIES

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Name shenzhen bak battery co.ltd

Supplier Address BAK INDUSTRIAL ZONE KUICHONG ST LONGGANG DISTRICT

SHENZHEN, GUANGDONG 518119 CHINA

SHENZHEN GUANGDONG

518119 CN

**Supplier Phone Number** Phone:0755-84239188

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Contact Phone 13688832308

Supplier Email info@bak.com.cn

Emergency telephone number

# 2. HAZARDS IDENTIFICATION

#### Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). This product is an article which is a sealed battery and as such does not require an MSDS per the OSHA hazard communication standard unless ruptured. The hazards indicated are for a ruptured battery.

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2



Skin sensitization	Category 1
Carcinogenicity	Category 2
Specific target organ toxicity (repeated exposure)	Category 1

# **GHS Label elements, including precautionary statements**

#### **Emergency Overview**

Signal word Danger

#### **Hazard Statements**

Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction
Suspected of causing cancer





This product is an article which contains a chemical substance. Safety information is given for exposure to the article as sold. Intended use of the product should not result in exposure to the chemical substance. This is a battery. In case of rupture: the above hazards exist.

Appearance Gray Physical state Solid Odor Odorless

# **Precautionary Statements - Prevention**

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Use personal protective equipment as required

Wash face, hands and any exposed skin thoroughly after handling

Contaminated work clothing should not be allowed out of the workplace

Wear protective gloves

Do not breathe dust/fume/gas/mist/vapors/spray

Do not eat, drink or smoke when using this product

Wear eye/face protection

# **Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

Specific treatment (see supplemental first aid instructions on this label)

#### **Eves**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention

#### Skin

IF ON SKIN: Wash with plenty of soap and water Take off contaminated clothing and wash before reuse If skin irritation or rash occurs: Get medical advice/attention

# **Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal** 



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Dispose of contents/container to an approved waste disposal plant

# Hazards not otherwise classified (HNOC)

Not applicable

# **Unknown Toxicity**

26.31% of the mixture consists of ingredient(s) of unknown toxicity

#### Other information

Very toxic to aquatic life with long lasting effects

Repeated or prolonged skin contact may cause allergic reactions with susceptible persons

#### **Interactions with Other Chemicals**

No information available.

# 3. COMPOSITION/INFORMATION ON INGREDIENTS

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Chemical Name	CAS No	Weight-%	Trade Secret
Lithium Cobalt Oxide (CoLiO2)	12190-79-3	10 - 30	*
Aluminum	7429-90-5	10 - 30	*
Graphite	7782-42-5	7 - 13	*
Copper	7440-50-8	7 - 13	*
Chopped continuous strand fiberglass (>5 microns in diameter)	65997-17-3	1 - 5	*
Tin	7440-31-5	1 - 5	*
Iron	7439-89-6	1 - 5	*
Nickel	7440-02-0	1 - 5	*
Phosphate(1-), hexafluoro-, lithium	21324-40-3	1 - 5	*
Ci 77266	1333-86-4	0.1 - 1	*
Trimethylolpropane polyoxyethylene triacrylate	28961-43-5	0.1 - 1	*

<sup>\*</sup>The exact percentage (concentration) of composition has been withheld as a trade secret

# 4. FIRST AID MEASURES

# First aid measures

**General Advice** First aid is upon rupture of sealed battery.

**Eye contact**Rinse immediately with plenty of water, also under the eyelids, for at least 15

minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and

easy to do. Continue rinsing. Get medical attention if irritation develops and

persists. Do not rub affected area.

**Skin contact** Wash off immediately with soap and plenty of water for at least 15 minutes. May

cause an allergic skin reaction. In the case of skin irritation or allergic reactions

see a physician.

**Inhalation** Remove to fresh air. Get medical attention immediately if symptoms occur.

**Ingestion** Rinse mouth immediately and drink plenty of water. Never give anything by mouth

to an unconscious person. Do NOT induce vomiting. Call a physician.



**Self-protection of the first aider** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

**Most Important Symptoms and** Itching. Coughing and/ or wheezing. **Effects** 

Indication of any immediate medical attention and special treatment needed

Notes to Physician May cause sensitization of susceptible persons. Treat symptomatically.

# 5. FIRE-FIGHTING MEASURES

#### **Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Unsuitable extinguishing media

CAUTION: Use of water spray when fighting fire may be inefficient.

# Specific hazards arising from the chemical

Product is or contains a sensitizer. May cause sensitization by skin contact.

# **Hazardous Combustion Products**

Carbon oxides.

#### **Explosion Data**

Sensitivity to Mechanical Impact No.

Sensitivity to Static Discharge No.

# Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

# 6. ACCIDENTAL RELEASE MEASURES

# Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal

protective equipment as required. Evacuate personnel to safe areas.

Other Information Refer to protective measures listed in Sections 7 and 8.

**Environmental precautions** 

Environmental precautions Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage

if safe to do so.

Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

# 7. HANDLING AND STORAGE

# Precautions for safe handling

Handling In case of rupture. Use personal protection equipment. Avoid contact with skin, eyes or

clothing. Ensure adequate ventilation. Do not breathe dust/fume/gas/mist/vapors/spray.

Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Products** Strong acids. Strong oxidizing agents. Strong bases.

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

# **Control parameters**

# **Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Lithium Cobalt Oxide (CoLiO2) 12190-79-3	TWA: 0.02 mg/m <sup>3</sup>	-	
Aluminum 7429-90-5	TWA: 1 mg/m³ respirable fraction	TWA: 15 mg/m³ total dust TWA: 5 mg/m³ respirable fraction (vacated) TWA: 15 mg/m³ total dust (vacated) TWA: 5 mg/m³ respirable fraction (vacated) TWA: 5 mg/m³ Al Aluminum	TWA: 10 mg/m³ total dust TWA: 5 mg/m³ respirable dust
Graphite 7782-42-5	TWA: 2 mg/m³ respirable fraction all forms except graphite fibers	TWA: 15 mg/m³ total dust synthetic TWA: 5 mg/m³ respirable fraction synthetic (vacated) TWA: 2.5 mg/m³	IDLH: 1250 mg/m³ TWA: 2.5 mg/m³ respirable dust



		respirable dust natural (vacated) TWA: 10 mg/m³ total dust synthetic (vacated) TWA: 5 mg/m³ respirable fraction synthetic TWA: 15 mppcf natural	
Copper 7440-50-8	TWA: 0.2 mg/m³ fume TWA: 1 mg/m³ Cu dust and mist	TWA: 0.1 mg/m³ fume TWA: 1 mg/m³ dust and mist (vacated) TWA: 0.1 mg/m³ Cu dust, fume, mist	IDLH: 100 mg/m³ dust, fume and mist TWA: 1 mg/m³ dust and mist TWA: 0.1 mg/m³ fume
Chopped continuous strand fiberglass (>5 microns in diameter) 65997-17-3	TWA: 1 fiber/cc (respirable)	TWA: 1 fiber/cc (respirable)	
Tin 7440-31-5	TWA: 2 mg/m³ TWA: 2 mg/m³ Sn except Tin hydride	TWA: 2 mg/m³ Sn except oxides (vacated) TWA: 2 mg/m³ (vacated) TWA: 2 mg/m³ Sn except oxides	IDLH: 100 mg/m³ TWA: 2 mg/m³
Nickel 7440-02-0	TWA: 1.5 mg/m <sup>3</sup>	TWA: 1 mg/m³ (vacated) TWA: 1 mg/m³	IDLH: 10 mg/m <sup>3</sup> TWA: 0.015 mg/m <sup>3</sup>
Phosphate(1-), hexafluoro-, lithium 21324-40-3	TWA: 2.5 mg/m³ F	TWA: 2.5 mg/m³ F TWA: 2.5 mg/m³ dust (vacated) TWA: 2.5 mg/m³	
Ci 77266 1333-86-4	TWA: 3 mg/m³ inhalable fraction	TWA: 3.5 mg/m³ (vacated) TWA: 3.5 mg/m³	IDLH: 1750 mg/m³ TWA: 3.5 mg/m³ TWA: 0.1 mg/m³ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

**Other Exposure Guidelines** 

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962

(11th Cir., 1992) See section 15 for national exposure control parameters

#### Appropriate engineering controls

**Engineering Measures** Showers

Eyewash stations Ventilation systems

#### Individual protection measures, such as personal protective equipment

If splashes are likely to occur:. Wear safety glasses with side shields (or goggles). None Eye/face protection

required for consumer use.

Wear protective gloves and protective clothing. Long sleeved clothing. Impervious gloves. Skin and body protection

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are

exceeded or irritation is experienced, ventilation and evacuation may be required.

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with **Hygiene Measures** 

skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling

the product.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

# **Physical and Chemical Properties**

Physical state

Solid **Appearance** Gray Odor

Color No information available **Odor Threshold** No information available



Odorless

None known

None known

None known

None known

None known

None known

**Property Values** Remarks Method pН No data available None known Melting / freezing point No data available None known Boiling point / boiling range No data available None known **Flash Point** No data available None known No data available **Evaporation Rate** None known Flammability (solid, gas) No data available None known Flammability Limit in Air Upper flammability limit No data available

Lower flammability limit
Vapor pressure
Vapor density
No data available
Vapor density
No data available
Insoluble in water
Solubility in other solvents
No data available
Partition coefficient: n-octanol/water0.00001

Autoignition temperatureNo data availableNone knownDecomposition temperatureNo data availableNone knownKinematic viscosityNo data availableNone knownDynamic viscosity0.00001None known

Explosive properties No data available Oxidizing properties No data available

#### **Other Information**

Softening PointNo data availableVOC Content (%)No data availableParticle SizeNo data available

**Particle Size Distribution** 

# 10. STABILITY AND REACTIVITY

# Reactivity

No data available.

# **Chemical stability**

Stable under recommended storage conditions.

# Possibility of Hazardous Reactions

None under normal processing.

#### **Hazardous Polymerization**

Hazardous polymerization does not occur.

#### Conditions to avoid

None known based on information supplied.

# **Incompatible materials**

Strong acids. Strong oxidizing agents. Strong bases.

# **Hazardous Decomposition Products**

Carbon oxides.

# 11. TOXICOLOGICAL INFORMATION

# Information on likely routes of exposure

**Product Information** Product does not present an acute toxicity hazard based on known or supplied information.

In case of rupture:.



**Inhalation** Specific test data for the substance or mixture is not available. May cause irritation of

respiratory tract.

**Eye contact** Specific test data for the substance or mixture is not available. Expected to be an irritant

based on components. Irritating to eyes. May cause redness, itching, and pain. May cause

temporary eye irritation.

**Skin contact** Specific test data for the substance or mixture is not available. Expected to be an irritant

based on components. Irritating to skin. Prolonged contact may cause redness and

irritation.

**Ingestion** Specific test data for the substance or mixture is not available. Ingestion may cause

irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea,

vomiting and diarrhea.

#### **Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Graphite 7782-42-5	> 10000 mg/kg ( Rat )	-	-
Iron 7439-89-6	= 984 mg/kg ( Rat )	-	-
Nickel 7440-02-0	> 9000 mg/kg (Rat)	-	-
Ci 77266 1333-86-4	> 15400 mg/kg (Rat)	> 3 g/kg (Rabbit)	-

# Information on toxicological effects

**Symptoms** Erythema (skin redness). May cause redness and tearing of the eyes. Itching. Rashes.

Hives.

# Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization** May cause sensitization of susceptible persons. May cause sensitization by skin contact.

Mutagenic Effects No information available.

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Lithium Cobalt Oxide (CoLiO2) 12190-79-3	А3	Group 2B		X
Chopped continuous strand fiberglass (>5 microns in diameter) 65997-17-3		Group 3		
Nickel 7440-02-0		Group 2B	Reasonably Anticipated	Х
Ci 77266 1333-86-4	А3	Group 2B		Х

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

NTP (National Toxicology Program)

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)



X - Present

Reproductive toxicity No information available.

**STOT - single exposure** No information available.

STOT - repeated exposure Causes damage to organs through prolonged or repeated exposure. Based on

classification criteria from the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200), this product has been determined to cause systemic target organ toxicity from

chronic or repeated exposure. (STOT RE).

Chronic Toxicity No known effect based on information supplied. Contains a known or suspected

carcinogen. Avoid repeated exposure. Prolonged exposure may cause chronic effects. May

cause adverse liver effects.

Target Organ Effects Respiratory system. Eyes. Skin. Gastrointestinal tract (GI). Central Vascular System (CVS).

Kidney. Liver. Lungs. Nasal cavities.

**Aspiration Hazard** No information available.

Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)** 18,637.00 mg/kg **ATEmix (dermal)** 17,973.00 mg/kg (ATE)

(U)

# 12. ECOLOGICAL INFORMATION

**Ecotoxicity**Very toxic to aquatic life with long lasting effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Copper 7440-50-8	subcapitata) 72h EC50: 0.0426 - 0.0535 mg/L (Pseudokirchneriella subcapitata)	96h LC50: 0.0068 - 0.0156 mg/L (Pimephales promelas) 96h LC50: = 0.112 mg/L (Poecilia reticulata) 96h LC50: = 0.3 mg/L (Cyprinus carpio) 96h LC50: = 0.8 mg/L (Cyprinus carpio) 96h LC50: = 1.25 mg/L (Lepomis macrochirus) 96h LC50: = 0.052 mg/L (Oncorhynchus mykiss) 96h LC50: = 0.2 mg/L (Pimephales promelas) 96h LC50: < 0.3 mg/L (Pimephales promelas)		48h EC50: = 0.03 mg/L
Iron 7439-89-6		96h LC50: = 13.6 mg/L (Morone saxatilis)		
Nickel 7440-02-0	72h EC50: = 0.18 mg/L (Pseudokirchneriella subcapitata) 96h EC50: 0.174 - 0.311 mg/L (Pseudokirchneriella subcapitata)	96h LC50: > 100 mg/L (Brachydanio rerio) 96h LC50: = 1.3 mg/L (Cyprinus carpio) 96h LC50: = 10.4 mg/L (Cyprinus carpio)		48h EC50: > 100 mg/L 48h EC50: = 1 mg/L
Ci 77266 1333-86-4				24h EC50: > 5600 mg/L

# <u>Persistence and Degradability</u> No information available.

# **Bioaccumulation**

No information available

# Other adverse effects

No information available.



Page 10/14

# 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

**Disposal methods** Should not be released into the environment.

**Contaminated Packaging** Dispose of contents/containers in accordance with local regulations.

D011 **US EPA Waste Number** 

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Nickel	(hazardous constituent - no	Included in waste streams:		
7440-02-0	waste number)	F006, F039		

#### California Hazardous Waste Codes 181

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Lithium Cobalt Oxide (CoLiO2) 12190-79-3	Toxic
Aluminum 7429-90-5	Ignitable powder
Copper 7440-50-8	Toxic
Nickel 7440-02-0	Toxic powder Ignitable powder

# 14. TRANSPORT INFORMATION

Note:

The transportation of primary lithium cells and batteries is regulated by the International Civil Aviation Organization, International Air Transport Association, International Maritime Dangerous Goods Code and the US Department of Transportation. The batteries must meet the following criteria for shipment: 1. Air shipments must meet the requirements listed in Special Provision A45 of the International Air Transport Association Dangerous Goods Regulations. 2. Meet the requirements for the US Department of Transportation listed in 49 CFR 173.185. 3. The transport of primary lithium batteries is prohibited aboard passenger aircraft. Refer to the Federal Register December 15, 2004 (Hazardous Materials; Prohibited on the Transportation of Primary Lithium Batteries and Cells Aboard Passenger Aircraft; Final Rule)

Lithium batteries shipped as "Lithium batteries", "Lithium batteries packed with equipment", or "Lithium batteries contained in equipment" may not be classified as "Dangerous Goods" when shipped in accordance with "special provision A45 of IATA-DGR" or "special provision 188 of IMO-IMDG Code"

NOT REGULATED DOT **Proper Shipping Name** NON REGULATED

**Hazard Class** N/A **Emergency Response Guide** 

Number

147

Not regulated

TDG Not regulated Not regulated MEX Not regulated <u>ICAO</u>



IATA

Proper Shipping Name NON REGULATED

Hazard Class N/A

IMDG/IMO Not regulated

**Hazard Class** N/A **EmS-No.** F-A, S-I

RID Not regulated

ADR Not regulated

ADN Not regulated

# 15. REGULATORY INFORMATION

# **International Inventories**

TSCA Complies

DSL All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

# **US Federal Regulations**

# **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Lithium Cobalt Oxide (CoLiO2) - 12190-79-3	12190-79-3	10 - 30	0.1
Aluminum - 7429-90-5	7429-90-5	10 - 30	1.0
Copper - 7440-50-8	7440-50-8	7 - 13	1.0
Nickel - 7440-02-0	7440-02-0	1 - 5	0.1

SARA 311/312 Hazard Categories

Acute Health Hazard No
Chronic Health Hazard No
Fire Hazard No
Sudden release of pressure hazard No
Reactive Hazard No

# **CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Copper 7440-50-8		X	X	
Nickel 7440-02-0		X	X	

# CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

	Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Ī	Copper	5000 lb		RQ 5000 lb final RQ
	7440-50-8			RQ 2270 kg final RQ
	Nickel	100 lb		RQ 100 lb final RQ



Γ	7440-02-0		RQ 45.4 kg final RQ

# US State Regulations

<u>California Proposition 65</u>
This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65		
Nickel - 7440-02-0	Carcinogen		
Ci 77266 - 1333-86-4	Carcinogen		

# U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Lithium Cobalt Oxide (CoLiO2) 12190-79-3	X		Х	X	Χ
Aluminum 7429-90-5	X	Х	Х	Х	
Graphite 7782-42-5	X	Х	Х		
Copper 7440-50-8	Х	Х	Х	Х	Х
Tin 7440-31-5	Х	Х	Х		
Nickel 7440-02-0	Х	Х	Х	Х	Х
Ci 77266 1333-86-4	Х	Х	Х		Х
Dimethyl carbonate 616-38-6	X	Х	Х		
Silver 7440-22-4	Х	Х	Х	Х	
Diethyl carbonate 105-58-8	Х	Х	Х		

# **International Regulations**

# Mexico

**National occupational exposure limits** 

Component	Carcinogen Status	Exposure Limits
Aluminum 7429-90-5 ( 10 - 30 )		Mexico: TWA= 10 mg/m <sup>3</sup>
Graphite 7782-42-5(7 - 13)		Mexico: TWA= 2 mg/m <sup>3</sup>
Copper 7440-50-8 ( 7 - 13 )		Mexico: TWA= 1 mg/m³ Mexico: TWA= 0.2 mg/m³ Mexico: STEL= 2 mg/m³
Tin 7440-31-5 ( 1 - 5 )		Mexico: TWA 2 mg/m <sup>3</sup> Mexico: STEL 4 mg/m <sup>3</sup>
Nickel 7440-02-0 ( 1 - 5 )		Mexico: TWA 1 mg/m <sup>3</sup>
Ci 77266 1333-86-4 ( 0.1 - 1 )		Mexico: TWA 3.5 mg/m³ Mexico: STEL 7 mg/m³

Mexico - Occupational Exposure Limits - Carcinogens

# Canada **WHMIS Hazard Class**

Not determined

# **16. OTHER INFORMATION**



NFPA Health Hazards 1 Flammability 0 Instability 0 Physical and

HMIS Health Hazards 0 Flammability 0 Physical Hazard 0 Personal Protection

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Prepared By Product Stewardship

23 British American Blvd. Latham, NY 12110

1-800-572-6501 16-Apr-2010

Revision Date 08-Apr-2015
Revision Note No information available

#### Disclaimer

**Issuing Date** 

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet** 

