

# Safety Data Sheet

## AWRB Low Temp Additive

Revision date : 2011/09/14

Version: 1.1

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(30555415/SDS\_GEN\_MX/EN)

### 1. Product and Company Identification

Company

BASF Mexicana S.A. de C.V.  
Av. Insurgentes Sur 975  
Col. CD. De Los Deportes, DF 03710,  
MEXICO

24 Hour Emergency Response Information

Tel.: +1-800-849-5204 or +1-833-229-1000  
CHEMTREC Int.: +1-703-527-3887

### 2. Hazards Identification

Emergency overview

## WARNING:

Irritating to eyes.  
May be harmful if swallowed.  
Keep container tightly closed.  
Avoid all sources of ignition: heat, sparks, open flame.

State of matter: liquid

Colour: colourless

Odour: faint odour

Potential health effects**Primary routes of exposure:**

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

**Irritation / corrosion:**

Irritating to eyes.

**Sensitization:**

There is no evidence of a skin-sensitizing potential.

Potential environmental effects**Aquatic toxicity:**

The product has not been tested.

### 3. Composition / Information on Ingredients

CAS Number

57-55-6

Content (W/W)

&gt;= 60.0 - &lt;= 100.0 %

Hazardous ingredients

Propylene glycol

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### 4. First-Aid Measures

**General advice:**

First aid personnel should pay attention to their own safety. Remove contaminated clothing.

**If inhaled:**

If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

**If on skin:**

After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

**If in eyes:**

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

**If swallowed:**

Rinse mouth immediately and then drink plenty of water, seek medical attention. 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.

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### 5. Fire-Fighting Measures

Flash point:	103.3 °C
Lower explosion limit:	2.6 %(V)
Upper explosion limit:	12.6 %(V)

**Suitable extinguishing media:**

foam, water spray, dry powder, carbon dioxide

**Unsuitable extinguishing media for safety reasons:**

water jet

**Hazards during fire-fighting:**

carbon monoxide, carbon dioxide, harmful vapours, nitrogen oxides, fumes/smoke, carbon black

**Protective equipment for fire-fighting:**

Wear a self-contained breathing apparatus.

**Further information:**

Contaminated extinguishing water must be disposed of in accordance with official regulations.

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### 6. Accidental release measures

**Personal precautions:**

Use personal protective clothing. Do not breathe vapour/aerosol/spray mists. Sources of ignition should be kept well clear. Handle in accordance with good building materials hygiene and safety practice.

**Environmental precautions:**

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

**Cleanup:**

For small amounts: Pick up with inert absorbent material (e.g. sand, earth etc.). Dispose of contaminated material as prescribed.

For large amounts: Pump off product.

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### 7. Handling and Storage

#### Handling

**General advice:**

Avoid aerosol formation. Avoid inhalation of mists/vapours. Avoid skin contact. No special measures necessary provided product is used correctly.

**Protection against fire and explosion:**

Keep away from heat. Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy.

#### Storage

**General advice:**

Keep only in the original container in a cool, well-ventilated place. Protect from direct sunlight.

**Storage incompatibility:**

General advice: Segregate from metals. Segregate from lyes. Segregate from oxidants. Segregate from foods and animal feeds.

### 8. Exposure Controls and Personal Protection

#### Personal protective equipment

**Respiratory protection:**

When workers are facing concentrations above the occupational exposure limits they must use appropriate certified respirators.

**Hand protection:**

Wear chemical resistant protective gloves., Manufacturer's directions for use should be observed because of great diversity of types.

**Eye protection:**

Tightly fitting safety goggles (chemical goggles).

**General safety and hygiene measures:**

Avoid contact with the skin, eyes and clothing. In order to prevent contamination while handling, closed working clothes and working gloves should be used. Handle in accordance with good building materials hygiene and safety practice. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks).

### 9. Physical and Chemical Properties

Form:	liquid
Odour:	faint odour
Odour threshold:	No data available.
Colour:	colourless
pH value:	7.0 ( 74 °F)
Vapour pressure:	0.08 mmHg ( 20 °C)
Density:	1.03 g/cm3 ( 20 °C)
Solubility in water:	miscible
Miscibility with water:	completely (e.g. >=90%)

### 10. Stability and Reactivity

**Substances to avoid:**

strong acids, strong bases, strong oxidizing agents

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### Hazardous reactions:

The product is stable if stored and handled as prescribed/indicated.

### Decomposition products:

Thermal decomposition products: carbon oxides

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## 11. Toxicological information

### Repeated dose toxicity

*Information on: Propylene glycol*

*Assessment of repeated dose toxicity:*

*Repeated oral uptake of the substance did not cause substance-related effects.*

*May affect the liver and kidneys as indicated in animal studies.*

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### Experiences in humans:

According to experience, the product is considered to be harmless to health if used in the correct manner.

### Other Information:

The product has not been tested. The statement has been derived from the properties of the individual components.

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## 12. Ecological Information

### Other adverse effects:

The product has not been tested. Do not allow to enter soil, waterways or waste water channels.

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## 13. Disposal considerations

### Waste disposal of substance:

Recommendations: Use excess product in an alternate beneficial application. Dispose of in accordance with national, state and local regulations.

Dispose of in accordance with national, state and local regulations.

### Container disposal:

Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

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## 14. Transport Information

### Land transport

TDG

Not classified as a dangerous good under transport regulations

### Sea transport

IMDG

Not classified as a dangerous good under transport regulations

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**Air transport**  
IATA/ICAO

Not classified as a dangerous good under transport regulations

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## 15. Regulatory Information

### Federal Regulations

Not applicable

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## 16. Other Information

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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### **MSDS Prepared by:**

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MSDS Prepared on: 2011/09/14

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