

**MATERIAL SAFETY DATA SHEET****Belcor 585****1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME	Belcor 585
CHEMICAL NAME	Mixture of Organic Acids.
PRODUCT NO.	BWA B585
PRODUCT USE	Corrosion inhibitor
SUPPLIER	BWA Water Additives US LLC 1979 Lakeside Parkway Suite 925, Tucker, GA30084. TEL (800) 600-4523 CUSTOMER SERVICE
EMERGENCY TELEPHONE	Chemtrec Phone: 1-800-424-9300
IDENTIFICATION No.	3265

2 HAZARDS IDENTIFICATION**POTENTIAL HEALTH EFFECTS****INHALATION**

No specific health warnings noted.

INGESTION

Harmful if swallowed.

SKIN CONTACT

May cause sensitization by skin contact. Causes burns.

EYE CONTACT

Risk of serious damage to eyes.

HEALTH WARNINGS

This chemical may cause skin/eye irritation and burns (corrosive).

ROUTE OF ENTRY

Skin and/or eye contact. Ingestion. Inhalation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Weight
Derivative of Acrylic Acid Copolymer			10-30%
Phosphonic acid derivative			10-30%

COMPOSITION COMMENTS

Mixture of organic acids The specific chemical identity will be made available to health professionals in accordance with 29 CFR 1910.1200 (1) (2) (3) (4). This Material Safety Data Sheet provides information for employee training and hazard identification.

4 FIRST-AID MEASURES**INHALATION**

Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. Get medical attention if any discomfort continues.

INGESTION

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Rinse mouth thoroughly. Get medical attention.

SKIN CONTACT

Immediately remove contaminated clothing. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

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EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Contact physician if irritation persists.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use: Water spray, fog or mist. Foam, carbon dioxide or dry powder.

SPECIAL FIRE FIGHTING PROCEDURES

Move container from fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

UNUSUAL FIRE & EXPLOSION HAZARDS

This material will not burn until the water has evaporated. Residue can burn.

SPECIFIC HAZARDS

The product is non-combustible. If heated, irritating vapors may be formed.

PROTECTIVE MEASURES IN FIRE

Leave danger zone immediately. Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Follow precautions for safe handling described in this safety data sheet. For personal protection, see section 8.

ENVIRONMENTAL PRECAUTIONS

Avoid release to the environment. To prevent release, place container with damaged side up.

SPILL CLEAN UP METHODS

Should be prevented from entering drains. Absorb in vermiculite, dry sand or earth and place into containers. Collect and reclaim or dispose in sealed containers in licensed waste. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

7 HANDLING AND STORAGE

HANDLING

Avoid spilling, skin and eye contact.

STORAGE

Store separated from: Alkalies. Reducing Agents. Do NOT use container made of: Carbon steel. Keep containers tightly closed. Protect from light, including direct sunrays. Store in tightly closed original container in a cool, dry well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT COMMENTS

No exposure limits noted for ingredient(s).

PROCESS CONDITIONS

Provide eyewash station.

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

HAND PROTECTION

Selection of a suitable glove depends on work conditions and whether the product is present on its own or in combination with other substances. Gloves should be replaced immediately if signs of degradation are observed. It has been found that gloves made from rubber, neoprene or PVC provide short-term splash protection.

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EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear appropriate clothing to prevent repeated or prolonged skin contact.

HYGIENE MEASURES

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid	
COLOR	Dark Brown	
ODOR	Slight odor	
SOLUBILITY	Miscible with water.	
RELATIVE DENSITY	1.29 -1.35 @ 20 (°c)	pH-VALUE, CONC. SOLUTION < 2

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Reacts with alkalis and generates heat.

HAZARDOUS POLYMERISATION

Not noted.

MATERIALS TO AVOID

Strong alkalies.

11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION

Toxicological information based on the individual components properties.

INHALATION

No specific health warnings noted.

INGESTION

Harmful if swallowed.

SKIN CONTACT

May cause sensitization by skin contact. Causes burns.

EYE CONTACT

Risk of serious damage to eyes.

HEALTH WARNINGS

This chemical may cause skin/eye irritation and burns (corrosive).

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Component data has been used to calculate the ecotoxicity of the product.

LC 50, 96 hrs, Fish mg/l >100

DEGRADABILITY

Susceptible to biodegradation

13 DISPOSAL CONSIDERATIONS

WASTE MANAGEMENT

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

DISPOSAL METHODS

Absorb in vermiculite or dry sand, dispose in licensed hazardous waste. Liquid material should be incinerated. Material absorbed onto sand or earth should be disposed of as solid waste in accordance with local regulations. Empty packaging may contain product residues and due consideration should be given prior to disposal.

14 TRANSPORT INFORMATION

Belcor 585

TDG SHIPPING NAME	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S., (contains mixture of organic acids)		
DOT PROPER SHIPPING NAME	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S., (contains mixture of organic acids)		
TDG SHIPPING NAME	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S., (contains mixture of organic acids)		
IDENTIFICATION No.	3265	DOT HAZARD CLASS	8
TDG PACKING GROUP	III	U.S DOT HAZARD LABEL	Corrosive
UN NO. SEA	3265	IMDG CLASS	8
IMDG PACK GR.	III	EMS	F-A, S-B
MARINE POLLUTANT	No.	UN NO. AIR	3265
AIR CLASS	8	AIR PACK GR.	III
TDG CLASS	8	TDG PACKING GROUP	III

15 REGULATORY INFORMATION**INVENTORIES**

COMPONENT	CAN	US	EU	AUS	JAP	KOR	CHN	PHLP
Derivative of Acrylic Acid Copolymer	DSL	Yes	EINECS	N/A	N/A	N/A	N/A	N/A
Phosphonic acid derivative	DSL	Yes	EINECS	N/A	N/A	N/A	N/A	N/A

COMPONENT	TSCA 12(b) Export Notification
Derivative of Acrylic Acid Copolymer	No

US FEDERAL REGULATIONS

COMPONENT	SARA 302-TPQ	CERCLA-RQ	SARA 313
Derivative of Acrylic Acid Copolymer			No
Phosphonic acid derivative			No

CLEAN AIR ACT

COMPONENT	CAA Accidental Release Prevention
Derivative of Acrylic Acid Copolymer	No

COMPONENT	CAS	CA	FL	MA	MN	NJ	PA	RI
Derivative of Acrylic Acid Copolymer		No	No	No	No	No	No	No
Phosphonic acid derivative		No	No	No	No	No	No	No

REGULATORY STATUS (US)

SECTION 313: This product does not contain toxic chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372. PROPOSITION 65: This product does not contain chemicals considered by the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 as causing cancer or reproductive toxicity and for which warnings are now required. TSCA: The ingredients of this product are on the TSCA Inventory.

REGULATORY REFERENCES

29 CFR 1910.1010 Federal Regulations (OSHA Standard).

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM -WHMIS**LABEL(S) FOR SUPPLY**

Belcor 585



Corrosive
Material.



Materials
Causing Other
Toxic Effects.

CONTROLLED PRODUCT CLASSIFICATION

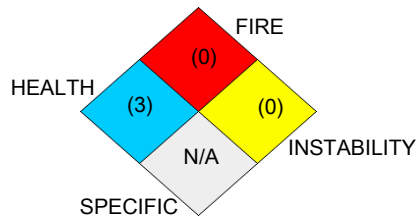
Canadian WHMIS Classification E D2B

16 OTHER INFORMATION

HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)

HEALTH		3
FLAMABILITY		0
REACTIVITY		0
PERSONAL PROTECTION		C

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)



REVISION COMMENTS

New MSDS

ISSUED BY

G.B.

REVISION DATE

9th June 2008

VERSION No.

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SAFETY DATA SHEET STATUS

Approved.

DATE

9th June 2008

DISCLAIMER

For safety reasons it is IMPERATIVE that customers:-

1. Ensure that all those within their control who use the products are supplied with all relevant information contained within the Safety Data Sheet and Technical Bulletin concerning the applications for which the product is designed and any instructions and warnings contained therein.

2. Consult BWA Water Additives before using or supplying the product for any other applications. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.