

## MATERIAL SAFETY DATA SHEET

## SECTION 1 - SOURCE/IDENTITY/USE INFORMATION

## MANUFACTURER

## SUPPLIER

GC AMERICA INC.

3737 West 127th St.

Alsip, Illinois, 60803

Telephone: 708-597-0900

Hours: Mon.- Fri. 8:00 am. - 5:00 pm. C.S.T.

Transportation Emergency Telephone No. 800-424-9300

COMMON NAME: GC ORTHO CONDITIONER

Chemical Name: N.A.

PRODUCT USE: Conditioning Agent

The following information is provided with regard to the toxicity and hazards of the pure components present in this product.

## SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

| COMPONENT AND C.A.S.             | EXPOSURE LIMITS       | LD50/LC50                                 | %     |
|----------------------------------|-----------------------|---|-------|
| Polyacrylic acid<br>(not listed) | TWA=10 ppm<br>(ACGIH) | LD50=2500mg/kg<br>(oral rat)<br>LC50=N.E. | 8-12% |

## SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

|   |       |  |      |
|---|-------|--|------|
| BOILING POINT:                              | 101°C | SPECIFIC GRAVITY (H <sub>2</sub> O=1): | 1.18 |
| VAPOR PRESSURE:                             | N.E.  | MELTING POINT:                         | 13°C |
| VAPOR DENSITY:                              | N.E.  | EVAPORATION RATE:                      | N.E. |
| SOLUBILITY IN WATER:                        | N.E.  | ODOR THRESHOLD:                        | N.E. |
| COEFFICIENT OF OIL/WATER DISTRIBUTION: N.E. |       |  |      |

APPEARANCE AND ODOR: Blue, slightly viscous and odorless liquid

## SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: Not flammable FLAMMABLE LIMITS: N.E.

EXTINGUISHING MEDIA: Alcohol foam

SPECIAL FIRE FIGHTING PROCEDURES: Full protective clothing and self-contained breathing apparatus

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS COMBUSTION PRODUCTS: Emits acrid smoke when heated beyond boiling point

## SECTION 5 - REACTIVITY DATA

STABILITY: STABLE: X UNSTABLE:  
POLYMERIZATION: WILL NOT OCCUR: X WILL OCCUR:

CONDITIONS TO AVOID: High heat

INCOMPATIBILITY (MATERIALS TO AVOID): Alkaline, will inactivate product.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: N.E.

## SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION

|                      | YES | NO | N.E. | N.A. | NTP | IARC | OSHA | OTHER |
|----------------------|-----|----|------|------|-----|------|------|-------|
| MUTAGENIC AFFECTS:   |     | X  |      |      |     |      |      |       |
| TERATOGENIC AFFECTS: |     | X  |      |      |     |      |      |       |
| REPRODUCTIVE TOXIN:  |     | X  |      |      |     |      |      |       |
| CARCINOGENICITY:     |     | X  |      |      |     |      |      |       |
| SENSITIZER:          |     | X  |      |      |     |      |      |       |

ROUTES OF ENTRY: INHALATION \_\_\_\_\_ SKIN X INGESTION X

HEALTH HAZARD: (ACUTE AND CHRONIC): Acidic solution (pH =1.90), care should be taken to avoid contact with skin or eyes.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: N.E.

CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N.E.

## EMERGENCY FIRST AID PROCEDURES:

INGESTION: Do not induce vomiting. Give large volumes of water.  
Seek medical attention.

SKIN: Wash with soap and water.  
If irritation develops, seek medical attention.

EYES: Flush with water for 15 minutes.  
If irritation develops, seek medical attention.

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL:  
Neutralize with diluted hydroxides.  
Dilute with water.

WASTE DISPOSAL METHOD:  
Dilute with water. Flush into drain with large volumes of water.

STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:  
Store in a cool dry place in tightly closed container.

## SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: None required

VENTILATION: None required

LOCAL EXHAUST: N.A.

MECHANICAL: N.E.

SPECIAL: N.E.

OTHER: N.E.

PROTECTIVE GLOVES: Latex gloves are recommended

EYE PROTECTION: Goggles or full-face shield

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Do not spill on clothing.  
Eyewash station

WORK/ENGINEERING PRACTICE: N.E.

## SECTION 9- PREPARATION INFORMATION

This data is supplied to comply with OSHA Hazard Communication Standard 29  
CFR 1910,1200 and W.H.M.I.S. CPR

PREPARED BY: T. Joritz

Date: 1 November 97

Director Regulatory Affairs

N.A. = NOT APPLICABLE

N.E. = NOT ESTABLISHED

The information herein is given in good faith but no warranty expressed or  
implied is made.

|      |   |          |   |                    |   |              |
|------|---|----------|---|--------------------|---|--------------|
| FIRE | 0 | TOXICITY | 1 | NFPA<br>REACTIVITY | 1 | SPECIAL ACID |
|------|---|----------|---|--------------------|---|--------------|

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