



MS439425

GC ORTHO CONDITIONER
MATERIAL SAFETY DATA SHEET

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SECTION 1 - SOURCE/IDENTITY/USE INFORMATION**MANUFACTURER**

GC AMERICA INC.
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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	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Polyacrylic acid	9003-01-4	TWA=10 ppm (ACGIH)	LD50=2500mg/kg (oral rat) LC50=N.E.	10
Distilled water	7732-18-5	N.E.	N.E.	90
Food additive Blue No. 1	3844-45-9	N.E.	N.E.	<0.1
Isobutyl p-Hydroxybenzoate	4247-02-3	N.E.	N.E.	<0.1

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: 101°C
VAPOR PRESSURE: N.E.
VAPOR DENSITY: N.E.
SOLUBILITY IN WATER: N.E.
COEFFICIENT OF OIL/WATER DISTRIBUTION: N.E.

SPECIFIC GRAVITY (H₂O=1): 1.18
MELTING POINT: 13°C
EVAPORATION RATE: N.E.
ODOR THRESHOLD: 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 Unstable
POLYMERIZATION: Will Not Occur 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	NE	NA	NTP	IARC	OSHA	OTHER
MUTAGENIC AFFECTS		X						
TERATOGENIC AFFECTS		X						
REPRODUCTIVE TOXIN		X						
CARCINOGENICITY		X						
SENSITIZER		X						

ROUTES OF ENTRY: Inhalation Skin Ingestion

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:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.**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:** 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/HYGIENIC 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***DATE:** 16 May 2006**REVIEWED:** 20 January 2009**REVISED:** 23 September 2009

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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****REACTIVITY – 1****SPECIAL – ACID**