

WATER CHEMISTRY, INC -- STANDARD HARDNESS SOLUTION -- 6810-01-125-5234

=====
Product Identification
=====

Product ID:STANDARD HARDNESS SOLUTION

MSDS Date:12/20/1991

FSC:6810

NIIN:01-125-5234

MSDS Number: BMSRJ

=== Responsible Party ===

Company Name:WATER CHEMISTRY, INC

Box:4273

City:ROANOKE

State:VA

ZIP:24015

Country:US

Info Phone Num:703-343-3618

Emergency Phone Num:703-989-0400

Preparer's Name:C

. BRIAN KIDD

CAGE:66378

=== Contractor Identification ===

Company Name:WATER CHEMISTRY, INC

Address:3404 AERIAL WAY DR SW

Box:4273

City:ROANOKE

State:VA

ZIP:24018-1504

Country:US

Phone:540-989-0400/343-3618

CAGE:66378

=====
Composition/Information on Ingredients
=====

Ingred Name:CALCIUM CHLORIDE

CAS:10043-52-4

RTECS #:EV9800000

Other REC Limits:NONE SPECIFIED

=====
Hazards Identification
=====

LD50 LC50 Mixture:NONE GIVEN BY MANUFACTURER (

SUPPLIER).

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:IRRITATION TO SKIN,SEVERE IRRITATION TO EYES. MAY CAUSE NAUSEA IF INGESTED.

Explanation of Carcinogenicity:MFR SAYS "NO INFORMATION AVAILABLE".

Effects of Overexposure:IRRITATION TO SKIN, SEVERE IRRITATION TO EYES. MAY CAUSE NAUSEA IF INGESTED.

Medical Cond Aggravated by Exposure:NONE GIVEN BY MANUFACTURER (SUPPLIER).

=====
===== First Aid Measures =====

First Aid:FLUSH EYES IMMEDIATELY WITH WATER FOR 15 MINUTES. WASH SKIN THOROUGHLY WITH WATER. REMOVE CLOTHING. IF INHALED REMOVE TO FRESH AIR. DO NOT INDUCE VOMITITNG. GET MENICAL ATTENTION IMMEDIATELY.

=====
===== Fire Fighting Measures =====

Extinguishing Media:MFR SAID "NOT APPLICIABLE" IN THIS FIELD.

Fire Fighting Procedures:WEAR A FULL FACED SELF CONTAINED BREATHING APPARATUS OPERATED IN POSITIVE PRESSURE MODE WHEN FIGHTING FIRE TO WHICH CHEMICALS ARE EXPOSED.

Unusual Fire/Explosion Hazard:MFR SAID "NOT APPLICIABLE" IN THIS FIELD.

=====
===== Accidental Release Measures =====

Spill Release Procedures:CONTAIN SPILLED MATERIAL FOR DISPOSAL AND RINSE SPILL AREA.

Neutralizing Agent:NONE GIVEN BY MANUFACTURER (SUPPLIER).

=====
===== Handling and Storage =====

Handling and Storage Precautions:KEEP CONTAINER CLOSED WHEN NOT IN USE

Other Precautions:NONE GIVEN BY MANUFACTURER (SUPPLIER).

=====
===== Exposure Controls/Personal Protection =====

Respiratory Protection:PREFERRED

Ventilation:NONE NEEDED

Protective Gloves:RUBBER

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:IMPERVIOUS APRON OR CLOTHING AND FOOTWEAR.

Work Hygienic Practices:EYE WASH STATION AND SAFETY SHOWER SHOULD BE IN VICINITY OF PRODUCT USE.

Supplemental Safety and Health

=====
===== Physical/Chemical Properties =====

HCC:N1

Solubility in Water:COM

PLETE

Appearance and Odor: CLEAR COLORLESS LIQUID,

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

B2O3+CAO BRF3

Stability Condition to Avoid: NONE GIVEN BY MANUFACTURER (SUPPLIER).

Hazardous Decomposition Products: WHEN HEATED EMITS TOXIC FUMES OF
CHLORINE

===== Disposal Considerations =====

Waste Disposal Methods: DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL
REGULATIONS.

Disclaimer (provided

with this information by the compiling agencies):

This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.