

WALTRON LTD / AQUATEAM DIVISION -- AQ-701 -- 6850-01-086-3438

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Product Identification
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Product ID:AQ-701
MSDS Date:09/24/1987
FSC:6850
NIIN:01-086-3438
MSDS Number: CKBVF
=== Responsible Party ===
Company Name:WALTRON LTD / AQUATEAM DIVISION
Address:50 TANNERY RD
Box:1070
City:WHITEHOUSE
State:NJ
ZIP:08888
Country:US
Info Phone Num:908/534-5654/FAX 908/534-5546
Emergency Phone Num:1-800
-242-7353
CAGE:71229
=== Contractor Identification ===
Company Name:WALTRON LTD
Address:50 TANNERY RD
Box:70
City:WHITEHOUSE
State:NJ
ZIP:08888-0070
Country:US
Phone:908-534-5654/FAX: 908-534-5694
Contract Num:SP0450-00-M-D465
CAGE:71229
Company Name:WALTRON LTD
Address:50 TANNERY RD
Box:70
City:WHITEHOUSE
State:NJ
ZIP:08888-0070
Country:US
Phone:908-534-5654/FAX: 908-534-5694
Contract Num:SP0450-01-M-ZC92
CAGE:71229

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Composition/Information on Ingredients
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Ingred N

ame:SODIUM HYDROXIDE
CAS:1310-73-2
RTECS #:WB4900000
OSHA PEL:2 MG/M3
ACGIH STEL:C2 MG/M3
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:SODIUM NITRITE
CAS:7632-00-0
RTECS #:RA1225000
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

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

Health Hazards Acute and Chronic:INHALATION: DAMAGE TO ENTIRE
RESPIRATORY TRACT. INGESTION: VOMITING, PROSTRATION, COLLAPSE.
CONSTRICTIVE SCARRING MAY RESULT. SKIN/EYES: CORROSIVE TO A
LL
TISSUES.

Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.
Effects of Overexposure:INGESTION: VOMITING, PROSTRATION, COLLAPSE.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE OR SKIN CONTACT: RINSE IN COOL, FLOWING WATER FOR 15
MINUTES. INGESTION: DRINK LARGE QUANTITIES OF WATER OR MILK TO
DILUTE ALKALI. DRINK DILUTE VINEGAR OR FRUIT JUICE TO NEUTRALIZE.
DO
NOT IND UCE VOMITING. INHALATION: REMOVE TO FRESH AIR. SKIN:
IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES.

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

Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR SELF-CONTAINED
BREATHING APPARATUS IN THE POSITIVE MODE WITH A FULL FACEPIECE WHEN
THERE IS A POSSIBILITY OF EXPOSURE TO SMOKE, FUMES, OR HAZARDOUS
DECOMPOSITION PRODUCTS.

Unusual Fire/Explosion Hazard:NOT FLAMMABLE - EXTREME HEAT DECOMPOSES
PRODUCT

TO OXIDES OF SULFUR.

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

Spill Release Procedures:USE SODIUM BICARBONATE TO NEUTRALIZE, THEN ABSORB IN SAND OR OTHER ABSORBENT MATERIAL. SHOVEL INTO CLOSABLE CONTAINER FOR DISPOSAL. WEAR PROTECTIVE EQUIPMENT. FLUSH RESIDUE THOROUGHLY WITH WATER.

Neutralizing Agent:SODIUM BICARBONATE

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED DURING

TRANSPORT AND STORAGE. KEEP CLOSED WHEN NOT IN USE. AVOID FREEZING. AVOID CONTACT WITH EYES, SKIN AND CLOTHING.

Other Precautions:FOR INDUSTRIAL USE ONLY. NEVER TASTE OR SWALLOW. AVOID EYE CONTACT OR PROLONGED OR REPEATED SKIN CONTACT. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:NONE REQUIRED.

Ventilation:WORK IN WELL-VENTILATED AREAS.

Protective Gloves:WEAR ALKALI-IMPERVIOUS GLOVES AS A STANDARD PRACTICE.

Eye Protection:SPLASH PROOF GOGGLES RECOMMENDED AS STANDARD PRACTICE.

Other Protective Equipment:WEAR GAUNTLETS AND APRON, ESPECIALLY IF HANDLING LARGE QUANTITIES.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

FOR INDUSTRIAL USE ONLY. NEVER TASTE OR SWALLOW. AVOID EYE CONTACT OR PROLONGED OR REPEATED SKIN CONTACT.

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

HCC:B3

Boiling Pt:=102.2C, 216.F

Spec Grav

ity:1.01

pH:11.0 - ..2

Solubility in Water:100%

Appearance and Odor:BRIGHT RED CLEAR LIQUID, SLIGHT ODOR.

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

PRODUCT IN NEAT FORM IS CORROSIVE TO ALUMINUM, TIN, ZINC, AND ALLOYS OF THOSE METALS. PRODUCT IN USE FORM IS NOT CORROSIVE.

Stability Condition to Avoid:AVOID REDUCING AGENTS SUCH AS CYANIDES.

Hazardous Decomposition Products:EXTREME THERMAL DECO

POSITION MAY

PRODUCE NITROGEN AND SODIUM OXIDE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information:OSHA STD.-AIR: TWA 2 MG/M3 (SCP-W).

===== Ecological Information =====

Ecological:NO DATA PROVIDED BY MANUFACTURER

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:NO DATA PROVIDED BY MANUFACTURER

===== Regulatory Information =====

SARA Title III Information:NO DATA PROVIDED BY MANUFACTURER

Federal Regulatory Information:SODIUM HYDROXIDE AND SODIUM NITRITE ARE
BOTH LISTED IN EPA TSCA INVENTORY (1980).

State Regulatory Information:NO DATA PROVIDED BY MANUFACTURER

===== Other Information =====

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