

WALTRON LTD -- AQ-701 -- 6850-01-085-4719

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

Product ID:AQ-701

MSDS Date:09/24/1987

FSC:6850

NIIN:01-085-4719

MSDS Number: BGLCJ

=== Responsible Party ===

Company Name:WALTRON LTD

Address:50 TANNERY RD

Box:1070

City:WHITEHOUSE

State:NJ

ZIP:08888

Country:US

Info Phone Num:908-534-5100

Emergency Phone Num:908-534-5100

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-D201

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:SP0450-00-M-D796

CAGE:71229

Company Name:WALTRON LTD

Address:50 TANNERY RD

Box:70

City:WHITEHOUSE

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ZIP:08888-0070

Country:US

Phone:908-534-5654/FAX: 908-534-5694

Contract Num:SP0450-01-M-ZF20

CAGE:71229

===== Comp

osition/Information on Ingredients =====

Ingred Name:SODIUM HYDROXIDE (CORROSIVE)
CAS:1310-73-2
RTECS #:WB4900000
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

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

Health Hazards Acute and Chronic:SKIN CONTACT: CORROSIVE TO ALL
TISSUES. EYE CONTACT: CORROSIVE TO ALL TISSUES. INHALATION: DAMAGE
TO ENTIRE
RESPIRATORY TRACT. INGESTION: VOMITING, PROSTRATION,
COLLAPSE. CONSTRICTIVE SCARRING MAY RE SULT.

===== 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. NEXT, DRINK DILUTE VINEGAR OR FRUIT FUICE TO
NEUTRALIZE. DO NOT I NDUCE VOMITING! INHALATION: REMOVE TO FRESH
AIR. IN ALL CASES, GET MEDICAL ATTENTION IMMEDIATELY.

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

Extinguishing Media:N/A.
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 AHZARDOUS
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 ON SAND OR OTHER ABSORBENT MATERIAL. SHOVEL INTO CLOSABLE CONTAINER FOR DISPOSAL. WEAR PROTECTIVE EQUIPEMNT. FLUSH RESIDUE THOROUGHLY WITH WATER.

Neutralizing Agent:SODIUM BICARBONATE.

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

Handling and Storage Precautions:STORAGE: KEEP CONTAINER TIGHTLY CLOSED DURING TRANSPORT AND STORAGE. NORMAL HANDLING: KEEP CONTAINER TIGHTLY CLOSED D

URING TRANSPORT AND STORAGE.

Other Precautions:FOR INDUSTRIAL USE ONLY. NEVER TATSE 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 ALKALINE-IMPERVIOUS GLOVES AS A STANDARD PRACTICE.

Eye Protection:SPLASH-PROOF GOGGLES RECOMMENDED AS STANDARD PRACTICE.

Other Pr

otective Equipment:WEAR GAUNLETS AND APRON, ESPECIALLY IF HANDLING LARGE QUANTITIES.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

CHEMICAL NAME: MIXTURE OF INHIBITORS, DISPERSANTS, SURFACTANTS, ALKALINE SALTS.

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

HCC:B1

Boiling Pt.=102.2C, 216.F

Spec Gravity:1.01

pH:11.0

Solubility in Water:100 %;COMPLETE

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

Percent Volatiles

===== 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 REAGENTS SUCH AS CYANIDES.
Hazardous Decomposition Products:EXTREME THERMAL DECOMPOSITION MAY PRODUCE NITROGEN AND SODIUM OXIDE.

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

Toxicological Information:PERMISSIBLE CONCENTRATION: AIR; OSHA STD.-AIR: TWA 2 MG/M3. UNUSUAL CHRONIC TOXICITY: NONE.

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

Ecological:PRODUCT IS BIODEGRADABLE EXCEPT FOR MOLYBDATE WHICH IS NON-TOXIC.

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

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

===== MSDS Transport Information =====
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Transport Information:DOT CLASSIFICATION: NONE.

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

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

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

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