

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 ===

Compa  
ny 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  
State:NJ  
ZIP:08888-0070  
Country:US  
Phone:908-534-5654/FAX: 908-534-56

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Composition/Information on Ingredients  
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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

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Hazards Identification  
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Health Hazards Acute and Chronic:SKIN CONTACT: CORROSIVE TO ALL  
TISSUES. EYE CONTA

CT: CORROSIVE TO ALL TISSUES. INHALATION: DAMAGE  
TO ENTIRE RESPIRATORY TRACT. INGESTION: VOMITING, PROSTRATION,  
COLLAPSE. CONSTRICTIVE SCARRING MAY RE SULT.

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First Aid Measures  
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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 FR  
ESH  
AIR. IN ALL CASES, GET MEDICAL ATTENTION IMMEDIATELY.

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Fire Fighting Measures  
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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.

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===== 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 DURING 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 Protective 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 by Volume: 0.0

===== 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 REAGENTS SUCH AS CYANIDES.

Hazardous Decomposition Products: EXTREME THERMAL DECOMPOSITION MAY PRODUCE NITROGEN AND SODIUM OXIDE.

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

Toxicological Information: PERMISSIBLE CONCENTRATION: AIR; OSHA STD.-AIR: TWA 2 MG/M<sup>3</sup>. 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 =====

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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