

WALKER D W DBA ARGO SCIENTIFIC -- IPA 403

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MSDS Safety Information  
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FSC: 6850  
NIIN: 01-446-9489  
MSDS Date: 11/05/1997  
MSDS Num: CHWCK  
Product ID: IPA 403  
MFN: 02  
Responsible Party  
Cage: ONTW1  
Name: WALKER D W INC DBA ARGO SCIENTIFIC  
Address: 185 BOSSTICK BLVD  
City: SAN MARCOS CA 92069  
Info Phone Number: 760-727-2620  
Emergency Phone Number: 760-727-2620

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Item Description Information  
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Item Manager: S9G  
Item Name: CLEANER, MEMBRANE  
Specification Number: NONE  
Type/Grade/Class: NONE  
Unit of Issue: CO  
Quantitative Expression: 00000000045LB  
UI Container Qty: 0  
Type of Container: CONTAINER

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Ingredients  
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Name: \*\*\* PROPRIETARY \*\*\*  
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Health Hazards Data  
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LD50 LC50 Mixture: LD50 (ORAL,RAT) 3000 MG/KG (ORGANIC AC.)  
Route Of Entry Inds - Inhalation: YES  
Skin: YES  
Ingestion: NO  
Carcinogenicity Inds - NTP: NO  
IARC: NO  
OSHA: NO  
Effects of Exposure: TARGET ORGANS:EYES, SKIN, RESPIRATORY& GI TRACTS,  
KIDNEYS. ACUTE- THIS PRO

DUCT MAY IRRITATE THE NOSE, THROAT, SKIN, EYES AND OTHER CONTAMINATED TISSUES. SEVERE EYE OVEREXPOSURE MAY CAUSE BLINDNESS. INGESTION OF LARGE QUANTITIES OF THIS PRODUCT CAN CAUSE VIOLENT PURGING AND INTESTINAL HEMORRHAGES. CHRONIC: PROLONGED OR REPEATED SKIN OVEREXPOSURE MAY CAUSE DERMATITIS (DRY, RED SKIN) OR ALLERGIC REACTION (RASH, WELTS). CHRONIC INGESTION, ESPECIALLY IN LARGE QUANTITIES, MAY CAUSE TOOTH EROSION, IRRITATION OF THE DIGESTIVE SYSTEM AND KIDNEY DAMAGE.

Explanation

On Of Carcinogenicity: THE COMPONENTS OF THIS PRODUCT ARE NOT LISTED BY NTP, IARC OR REGULATED BY OSHA AS A CARCINOGEN.

Signs And Symptoms Of Overexposure: EYES-REDNESS, PAIN, TEARING, BLURRED VISION, BLINDNESS. SKIN-DRY/RED SKIN, RASH, WELTS. INGESTED-STOMACH PAINS, CRAMPS, GASTRITIS, VIOLENT PURGING, INTESTINAL HEMORRHAGES. INJECTION-LOCAL REDDENING, TISSUE SWELLING, DISCOMFORT.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MFR MSDS. DLA-: PERSONS WITH PRE-EXISTING SKIN DI

SORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

First Aid: SKIN-REMOVE CONTAMINATED CLOTHES. FLUSH WITH RUNNING WATER FOR 15 MINUTES. SEEK IMMEDIATE MEDICAL ATTENTION. EYES-FLUSH WITH RUNNING WATER FOR 15 MINUTES, HOLD LIDS OPEN. GET IMMEDIATE MEDICAL ATTENTION. INHALED-REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NEEDED. INGESTED- CALL PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY!! DO NOT INDUCE VOMITING UNLESS DIRECTED BY A PHYSICIAN. IF CONSCIOUS, GIVE MILK, EGG WHITES OR LARGE QUANTITIES OF WATER.

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Handling and Disposal  
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Spill Release Procedures: UNCONTROLLED RELEASE SHOULD BE RESPONDED TO BY TRAINED PERSONNEL USING PRE-PLANNED PROCEDURES. PROPER PROTECTIVE EQUIPMENT SHOULD BE USED. IN CASE OF SPILL, CLEAR THE AFFECTED AREA & PROTECT PEOPLE. MINIMUM PROTECTIVE EQUIPMENT FOR EMERGENCY RESPONDERS: LEVEL C.

SWEEP UP AVOIDING MAKING DUST. PLACE IN APPROPRIATE CONTAINER FOR DISPOSAL. DISPOSE OF IAW HAZARDOUS WASTE DISPOSAL REGULATIONS.

Neutralizing Agent: NONE SPECIFIED BY MFR MSDS.

Handling And Storage Precautions: STORE IN COOL, DRY PLACE AWAY FROM INCOMPATIBLE MATERIALS. MATERIAL SHOULD BE STORED IN SECONDARY CONTAINERS OR IN A DIKED AREA. STORAGE AREA SHOULD BE MADE OF FIRE & CORROSION RESISTENT MATERIALS. INSPECT ALL INCOMING CONTAINERS BEFORE STORAGE,

TO

ENSURE PROPER LABELING & ARE NOT DAMAGED.

Other Precautions: DO NOT RAISE DUST. AVOID CONTACT WITH EYES, SKIN OR CLOTHING. AVOID INHALATION OF DUST. WASH THOROUGHLY AFTER HANDLING MATERIAL. KEEP OUT OF REACH OF SMALL CHILDREN. DO NOT INGEST.KEEP CONTAINER TIGHT LY CLOSED. DO NOT EAT OR DRINK WHILE HANDLING THIS PRODUCT.

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Fire and Explosion Hazard Information  
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Flash Point

Text: NONE

Lower Limits: NOT RELEVANT

Upper Limits: NOT RELEVANT

Extinguishing Media: WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures: WEAR FULL PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. WEAR EYE PROTECTION. DO NOT ALLOW RUN-OFF WATER CONTAMINATE ENVIRONMENT.

Unusual Fire/Explosion Hazard: EMITS TOXIC GASES, IRRITATING FUMES

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Control Measures  
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Respiratory Protection: NONE NORMALLY REQUIRED. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED DUST RESPIRATOR OR DUST MASK.

Ventilation: GOOD GENERAL VENTILATION IS SUFFICIENT FOR MOST CONDITIONS (10 ROOM VOLUMES PER HOUR).

Protective Gloves: NEOPRENE

Eye Protection: SAFETY GLASSES/GOGGLES

Other Protective Equipment: EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING AND/OR UNIFORM

Work Hygienic Practices: OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH BEFORE EATING OR DRINKING.

Supplemental Safety and Health: FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN. THE PH OF 2.4% SOLUTION: 2.5 - 3.5

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Physical/Chemical Properties  
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HCC: C3

M.P/F.P Text: UNKNOWN

Decomp Text: UNKNOWN

Spec Gravity: UNKNOWN

PH: 2.5

Solubility in W

ater: SOLUBLE

Appearance and Odor: WHITE POWDER - ODORLESS

Corrosion Rate: UNKNOWN

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Reactivity Data  
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Stability Indicator: YES

Stability Condition To Avoid: CONTACT WITH INCOMPATIBLES.

Materials To Avoid: STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG ALKALIS,  
METAL NITRATES, SOME METALS (COPPER, ZINC, CAST IRON).

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, OXIDES  
OF  
PHOSPHORUS.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: WILL NOT OCCUR.

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Toxicological Information  
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Toxicological Information: LD50 ORAL RAT: 6500 MG/KG; LD50 INTRAPERITONEAL  
RAT:525 MG/KG; LD50 ORAL MOUSE: 3210 MG/KG; LD50 INTERPERITONEAL MOUSE: 700  
MG/KG; LD50 SUBCUTANEOUS MOUSE: 900 MG/KG; LD50 INTERVENOUS MOUSE: 74 MG/KG.  
IRRITANCY OF PROD

UCT: PRODUCT CAN BE IRRITATING. SENSITIZATION: PROLONGED OR  
REPEATED SKIN EXPOSURE MAY CAUSE ALLERGIC REACTION. HUMAN REPRODUCTIVE  
SYSTEM: MUTAGENICITY/EMBRYOTOXICITY/TERATOGENICITY /REPRODUCTIVE TOXICITY:  
NOT REPORTED TO CAUSE THESE EFFECTS. RECOMMENDATION TOPHYSICIANS: TREAT  
SYMPTOMS & ELIMINATE OVEREXPOSURE. BEI: NONE.

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Ecological Information  
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Ecological: ENVIRONEMNTAL S

TABILITY: NO ADVERSE ENVIRONMENTAL EFFECTS REPORTED.

EFFECT ON PLANTS & ANIMALS: IF LARGE QUANTITIES OF PRODUCT ARE RELEASED  
TO THE ENVIRONMENT, ADVERSE EFFECTS ON PLANT & ANIMAL LIFE M AY OCCUR.

EFFECTS ON AQUATIC LIFE: IF LARGE QUANTITIES ARE RELEASED IN TO A BODY OF  
WATER, THIS PRODUCT MAY HAVE ADVERSE EFFECTS ON THE AQUATIC LIFE IN THE  
AFFECTED WATER.

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MSDS Transport Information  
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Transport Information: THIS PRODUCT IS NOT HAZARDOUS AS DEFINED BY 49 CFR 172.101 BY THE US DEPARTMENT OF TRANSPORTATION. NATIONAL MOTOR FREIGHT CLASSIFICATION: #70. MARINE POLLUTANT: NOT LISTED AS A MARNE POLLUTANT. TRANSP ORT CANADA TRANSPORTATION OF DANGEROUSGOODS REGULATIONS: NOT REGULATED.

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Regulatory Information

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Federal Regulatory Information: US CERCLA RE PORTABLE QUANTITY (RQ): INORGANIC SODIUM SALT: 5000 LB. CADIAN DSL/NDL INVENTORY: COMPONENTS LISTED. US TSCA: COMPONENTS LISTED.

State Regulatory Information: NEW JERSEY RTK: INORGANIC SODIUM COMPOUND. PENNSYLVANIA RTK: INORGANIC SODIUM COMPOUND.

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Other Information

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Other Information: WHIMIS SYMBOLS: E, CORROSIVE.

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Transportation Information

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Responsible Party Cage: ONTW1  
Trans ID NO: 137157  
Product ID: IPA 403  
MSDS Prepared Date: 11/05/1997  
Review Date: 04/19/1999  
MFN: 2  
Net Unit Weight: 45 LBS  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: CO  
Container QTY: 0  
Type Of Container: CONTAINER  
Additional Data: NOT REGULATED FOR TRANSPORTATION, PER MSDS.

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Detail DOT Information

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DOT PSN Code: ZZZ  
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail IMO Information

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IMO PSN Code: ZZZ  
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

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Detail IATA Information

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IATA PSN Code: ZZZ

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ATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail AFI Information  
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AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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HAZCOM Label  
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Product ID: IPA 403

Cage: 0NTW1

Company Name: BETZ DEARBORN DIV OF HERCULES- D

BA ARGO SCIENTIFIC INC

Street: 185 BOSSTICK BLVD

City: SAN MARCOS CA

Zipcode: 92069

Health Emergency Phone: 760-727-2620

Label Required IND: Y

Date Of Label Review: 04/19/1999

Status Code: C

MFG Label NO: UNKNOWN

Label Date: 09/09/1998

Year Procured: 1999

Origination

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: WARNING

Respiratory Protection IND: YES

Health Hazard: Moderate

Contact Hazard: Moderate

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS:

EYES, SKIN, RESPIRATORY & GI TRACTS.

ACUTE- MAY IRRITATE THE NOSE, THROAT, SKIN, EYES. SEVERE EYE OVEREXPOSURE MAY CAUSE BLINDNESS. INGESTION OF LARGE QUANTITIES CAN CAUSE VIOLENT PURGING & INTESTINAL HEMORRHAGES. CHRONIC: PROLONGED/REPEATED SKIN OVEREXPOSURE MAY CAUSE DERMATITIS OR ALLERGIC REACTION.FIRST AID: SKIN-REMOVE CONTAMINATED CLOTHES. FLUSH W/WATER FOR 15 MINUTES. SEEK IMMEDIATE MEDICAL ATTN. EYES-FLUSH WITH WATER FOR 15 MINUTES, HOLD LIDS OPEN. GET IMMEDIATE MED

ICAL

ATTN. INHALED-REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NEEDED.  
INGESTED- CALL PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY!!

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