

AMERICAN SOLDER AND FLUX CO INC FORCE CHEMICAL DIV -- 9040601 AIRCO MARVEL 162 --
3439-00-347-5226

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

Product ID:9040601 AIRCO MARVEL 162

MSDS Date:06/01/1988

FSC:3439

NIIN:00-347-5226

MSDS Number: BQSDT

=== Responsible Party ===

Company Name:AMERICAN SOLDER AND FLUX CO INC FORCE CHEMICAL DIV

Address:INDUSTRIAL BLVD

City:PAOLI

State:PA

ZIP:19301

Country:US

Info Pho

ne Num:215-647-3575

Emergency Phone Num:215-647-3575

CAGE:70540

=== Contractor Identification ===

Company Name:AIRCO INC AIRCO WELDING PRODUCTS DIV

Address:5600 BICKETT ST

City:VERNON

State:CA

ZIP:90058-3606

Country:US

CAGE:83956

Company Name:AMERICAN SOLDER AND FLUX CO INC FORCE CHEMICAL DIV

Address:28 INDUSTRIAL BLVD

Box:City:PAOLI

State:PA

ZIP:19301

Country:US

Phone:800-424-9300

CAGE:70540

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

Ingred Name:SODIUM TETRABORATE, A

NHYDROUS (BORAX)

CAS:1330-43-4

RTECS #:VZ2240000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10 MG/M3

ACGIH TLV:1 MG/M3; 9293

Ingred Name:BORIC ACID

CAS:10043-35-3

RTECS #:ED4550000

Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: INHALATION OF DUST OR FUMES
DURING USE MAY CAUSE RESPIRATORY

IRRITATION. CONTACT WITH SKIN OR

EYES MAY CAUSE DERMATITIS OR IRRITATION. INGESTION MAY CAUSE GI
TRACT IRRITATION. CHRONIC: NONE SPE CIFIED BY MANUFACTURER.

Explanation of Carcinogenicity:NO INGREDIENT IS LISTED AS A CARCINOGEN
BY NTP, IARC, OR OSHA.

Effects of Overexposure:INHALED: COUGHING, WHEEZING, SNEEZING,
TIGHTNESS IN CHEST. EYES: REDNESS, TEARING, DISCOMFORT. SKIN: RASH,
REDNESS, SWELLING, DISCOMFORT OR ITCHING. INGESTED: NAUSEA,
VOMITING AND DIARRHEA.

Medical Co

nd Aggravated by Exposure:PRE-EXISTING SKIN CONDITIONS MAY BE
AGGRAVATED.

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===== First Aid Measures =====
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First Aid:INHALED: MOVE TO FRESH AIR. SEE DOCTOR IF SYMPTOMS PERSIST.

EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES, HOLD LIDS OPEN. SEE
DOCTOR. SKIN: FLUSH WITH LOTS OF WATER UNTIL RESIDUE GONE. IF RASH
DEVELOPS, SEE DOCTOR. INGESTED: GET IMMEDIATE MEDICAL ATTENTION.
CALL A DOCTOR OR POISON CONTROL CENTER.

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Fire Fighting Measures =====

Flash Point:NONE

Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:CONTAIN SPILL, ABSORB WITH INERT MATERIAL AND PLACE IN A CONTAINER FOR LATER DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE AWAY FROM INCOMPATIBLE MATERIALS.

Other Precautions:REMOVE AND PROFESSIONALLY WASH CONTAMINATED CLOTHING BEFORE REUSE. DO NOT GET IN EYES, ON SKIN OR CLOTHES.

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

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR EMERGENCY CONDITIONS OCCUR; USE NIOSH/MSHA APPROVED RESPIRATOR

RESPIRATOR OR SUPPLIED AIR REPIRATOR OR SCBA, AS REQUIRED. USE IN ACCORDANCE WITH 29 C FR 1910.134.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION.

Protective Gloves:RUBBER OR WELDING

Eye Protection:SAFETY GLASSES OR WELDING GOGGLES

Other Protective Equipment:FULL PROTECTION EQUIPMENT AS REQUIRED FOR BRAZING/WELDING OPERATIONS. EYES WASH RECOMMENDED.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHES BEFORE REUSE.

Suppl
emental Safety and Health

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

HCC:N1

Spec Gravity:1.72 (WATER=1)

Solubility in Water:MODERATE

Appearance and Odor:WHITE GRANULAR POWDER WITH NO CHARACTERISTIC ODOR

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

Stability Indicator/Materials to Avoid:YES

ACETIC ANHYDRIDE, ELEMENTAL POTSSIUM

Stability Condition to Avoid:CONTACT WITH INCOMPATIBLE MATERIALS.

Hazardous Decomposition Products:BORON OXIDE

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

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

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