

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Product Name: AMCO 3543 CAS number: N/A - mixture
Chemical Name & Synonyms: N/A - mixture
Appearance: Clear, colorless liquid with no characteristic odor.
Use: General Soldering flux
Manufacturer: Force Industries Division Tel. 610-647-3575
EMERGENCY PHONE No. CALL CHEMTREC (800) 424-9300 * Available 24 Hours

II. CHEMICAL COMPOSITION

Material SARA III CAS Number OSHA PEL ACGIH TLV

Mixture of an organic hydrochloride and nitrogen bearing compound which are non-hazardous and are classified as a trade secret.

Others, if any, are non-hazardous and are claimed as trade secret.

Hazard Rating: HMIS: (H =1 F=0 R=0 PE=C) NFPA: (H=1 F=0 R=0)

III. POTENTIAL HEALTH EFFECTS AND HEALTH HAZARD DATA

Target organ statement: Strong irritant to eyes and respiratory system. Dermatitis and contact burns.
Effects of Chronic Exposure: None currently known
Effects of Acute Overexposure
Swallowing: Irritant to digestive system
Skin Absorption: None currently known.
Inhalation: Irritation to respiratory system.
Skin Contact: Irritant from prolonged contact.
Eye Contact: Irritant eyes

IV. EMERGENCY AND FIRST AID PROCEDURES

Swallowing: Call a physician at once or your poison control center
Skin: Promptly flush with water to remove all residue.
Inhalation: Remove to fresh air.
Eyes: Flush with water for at least 15 minutes to remove all residue.

V. FIRE AND EXPLOSION DATA

Flash point (°F): N/A
Flammable limits in air: LOWER: N/A UPPER: N/A (% by volume)
Extinguishing media: N/A
Special fire fighting procedures: None
Unusual fire and explosion hazards: Use a self-contained breathing apparatus. Smoke ammonia, chlorine gases may evolve

VI. REACTIVITY INFORMATION

Stability considerations/Conditions to avoid: None
Hazardous polymerization/Conditions to avoid: None
Incompatibility/Materials to avoid: None
Hazardous combustion or, Decomposition products: Hydrogen chloride fumes, and ammonia

VII. SPILL AND LEAK RESPONSE

Steps to be taken if material is released or spilled: Contain spill, flush area with water to chemical sewer
Waste disposal method: Dispose of in accordance with all local, state, and federal regulations.

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VIII. SPECIAL PROTECTION INFORMATION

Respiratory protection: If the workstation is not ventilated to remove all fumes and dusts and Vapors, use a NIOSH approved mask
Ventilation: Maintain airflow away from user to exhaust all fumes, dust, and vapors so that the TLV is never exceeded
Protective gloves: Chemical impervious.
Eye protection: Chemical tight safety goggles.
Other protective equipment: Review operations to avoid contact with hazardous gas, liquids or solids. See also:
29 CFR 1910.132 - 29 - CFR 1910.140. Personal Protective Equipment
29 CFR 1910.251 - 29 - CFR 1910.257. Welding, Cutting and Brazing

IX. STORAGE, HANDLING AND SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Store material under ambient conditions
Other precautions: Professionally wash contaminated clothing before re-use.

X. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (°F @ 760 mmHg):	215	Specific gravity (H ₂ O = 1 @ 72°F):	1.033
Evaporation rate (butyl acetate = 1):	<1	Solubility in water:	complete

XI. OPTIONAL INFORMATION

Department of Transportation:	DOMESTIC GROUND
Proper shipping name:	Not regulated
Hazard Class:	None
ID & Packing Group Number:	N/A
ERG Guide Number:	N/A

Toxic Substance Control Act: All components of this Mixture are listed within the TSCA inventory.

State Right-to-Know Programs:

Pennsylvania:	This product contains the following chemicals listed in PA Code Title 34, Hazardous Substance List: All components
California:	This product contains the following compounds subject to the reporting and labeling requirements of Proposition 65: None
Miscellaneous:	This product contains the following marine pollutants listed under 49 CFR 172.101 Appendix B: None

NOTES: NA=Not Applicable NE=Not Established R=Reactivity PE=Personal Equipment
H=Health F=Fire

While we believe all information presented herein is accurate and reliable, the data are not to be taken as a guarantee or representation of any kind for which Force Industries assumes legal responsibility. They are offered solely for your consideration, investigation, and verification.

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