

MATERIAL SAFETY DATA SHEET

N/A=Not Applicable

(Prepared According To 29 CFR 1910.1200)

Effective Date 1/94

SECTION 1 - PRODUCT IDENTIFICATION

Product Name: AS-405
Generic Name: Anti-Static Spray Concentrate
Supplier's Name: NATIONAL AMERICAN SALES CORP
Supplier's Address: P.O. BOX 68 THIBODUAX, LA 70302
Chemical Family: N/A
Formula: N/A
Phone Number: 800-821-3732

NPCA Hazardous Materials Identification System

Health	2
Flammability	0
Reactivity	0
Maximum Personal Protection	B

SECTION 2 - INGREDIENTS

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
Water	7732-18-5	to 100				No
Cationic Surfactant	5197-80-8	0 to 5				No
Nonionic Surfactant	61788-90-7	0 to 5				No
Nonionic Surfactant	9016-45-9	0 to 5				No
Propylene Glycol	57-55-6	0 to 5				No
Perfume Oils	5989-27-5	0 to 5				No

SECTION 3 - PHYSICAL DATA

Bolling Range (°F): 212°F initial
Vapor Pressure: 20mm Hg @68°F
% Volatile: 95+
Solubility in Water: 100%
Physical Description: Thin amber liquid with pleasant odor.
Specific Gravity: 1.02
Vapor Density: (Air=1):>1
pH: 7.0 - 8.0
Evaporation Rate: (Water=1):<1

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A
Upper Explosive Limit: N/A
Extinguishing Media: N/A
Special Fire Fighting Procedures: N/A
Unusual Fire and Explosion Hazards: N/A
Lower Explosive Limit: N/A

SECTION 5 - REACTIVITY DATA

Stability: Stable.
Incompatibility (Materials to Avoid): None known.
Hazardous Decomposition Products: None known.
Hazardous Polymerization: Will not occur.

SECTION 6 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage:
 Keep out of reach of children.
 Keep container closed during storage. For industrial and institutional use only.

SECTION 7 - HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
Primary Route of Entry:
Skin: Delatting to skin on repealed contact.
Eyes: Eye irritant. May cause redness and swelling of the conjunctiva.
Inhalation: N/A
Ingestion: May be irritating to the mouth, throat, and gastrointestinal system. Vomiting and diarrhea expected with large doses.

First Aid Procedures:
Skin: Flush with water. Seek medical attention if irritation occurs.
Eyes: Flush with large quantities of water. Seek medical attention if irritation persists.
Inhalation: N/A
Ingestion: Drink a large quantity of milk or water. Seek medical attention.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: No special requirements.
Protective Gloves: Waterproof recommended.
Other Protective Equipment: N/A
Ventilation: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
Eye Protection: Safety glasses recommended.

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled: Mop up or otherwise absorb and hold for disposal.
Waste Disposal Method: Any method in accordance with applicable laws.