

*** MATERIAL SAFETY DATA SHEET ***

ANTI-STATIC WIPES (B610-015/016)

(PAGE 1)

DATE OF PREP: 5/1/89

SECTION I PHYSICAL DATA

MANUFACTURER: ACL, INC.
ADDRESS: 1960 EAST DEVON AVE
ELK GROVE VILLAGE, IL 60007
EMERGENCY#: (708) 981-9212

TRADE NAME: STATICIDE WIPES
CHEMICAL NAMES: ISOPROPANOL AND ETHANOL
CHEMICAL FAMLY: ORGANIC SALTS & SOLVENTS
MATERIAL USE CLEANER – ANTISTATIC AGENT

SECTION II HAZARDOUS INGREDIENTS

MATERIAL	CONCENTRATION %	CAS NA#	EXPOSURE UNITS
ISOPROPANOL	30% – 40%	67-63-0	400 PPM - OSHA
ETHANOL	> 1%	64-17-5	1000 PPM - OSHA

SECTION III PHYSICAL DATA OF MATERIAL

PHYSICAL STATE : SOLID
APPEARANCE AND ODOR: PLEASANT ODOR, TOWELETTE SATURATED WITH LIQUID.
SPECIFIC GRAVITY (H₂O=1): N/A
VAPOR PRESSURE: 35 MM HG @ 20° C
VAPOR DENSITY (AIR=1): 2.1 est.
EVAPORATION RATE: GREATER THAN WATER
BOILING POINT @ 760 MM HG: LIQUID 80° C
FREEZING/MELTING POINT: N/A
SOLUBILITY: LIQUID MISCIBLE
VOLUME % VOLATILE: >5% est.
pH OF SOLUTIONS: N/A
BULK DENSITY: N/A

SECTION IV FIRE/EXPLOSION HAZARD DATA

FLAMMABILITY: YES
IF YES, UNDER WHAT CONDITIONS: TOWELETTES INDIVIDUALLY WRAPPED,
IF PACKAGES OPENED CONTENTS WILL BURN.
MEANS OF EXTINCTION FOAM, CARBON DIOXIDE, WATER, SAND
FLASH POINT (METHOD USED): 20°C (PENSKE MARTENS)
UPPER EXPOSURE LIMIT: 12%
LOWER EXPOSURE LIMIT: 2%
IDG FLAMMABILITY CLASS: DANGEROUS WHEN EXPOSED TO FLAME
HAZARDOUS COMBUSTION PROD. CARBON MONOXIDE, NITROGEN OXIDES
EXPLOSION DATA: NONE
RATE OF BURNING: RAPID
EXPLOSIVE POWER: N/A
SENSETIVITY TO STATIC DISCHARGE: WILL IGNITE

SPECIAL FIRE FIGHTING PROCEDURES:

KEEP FIRE EXPOSED CONTAINERS COOL WITH WATER. USE NORMAL PROCEDURES FOR FIGHTING CHEMICAL FIRES.

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SECTION V REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: AVOID OPEN FLAMES, HOT GLOWING SURFACES OR ELECTRIC ARCS.

INCOMPATIBILITY TO OTHER SUBSTANCES: YES

WHICH ONES: STRONG ACIDS, STRONG BASES, OXIDIZING AGENTS.

INCOMPATIBILITY (MATERIALS TO AVOID):

WILL BURN IF EXPOSED TO HEAT, SPARKS, OPEN FLAMES. WILL NOT POLYMERIZE.

HAZARDOUS DECOMPOSITION PRODUCTS

IF BURNED, CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES.

SECTION VI TOXICOLOGY PROPERTIES OF PRODUCT

POINTS OF ENTRY:

SKIN & EYE CONTACT, SKIN ABSORPTION, INHALATION: ACCUTE, INGESTION

EFFECTS OF ACUTE EXPOSURE:

ISOPROPANOL WILL DRY SKIN, IRRITATE EYES, CAUSE HEADACHES, DIZZINESS,
AND NAUSEA IF EXCESSIVELY INHALED AND MAY BE FATAL IF INGESTED.

EFFECTS OF CHRONIC EXPOSURE: UNKNOWN

IRRITANCY OF PRODUCT:

NON-IRRITANT UNDER NORMAL USAGE

EXPOSURE LIMITS:

NOT ESTABLISHED

SENSITIVITY OF PRODUCT:

UNKNOWN

CARCINOGENIC, REPRODUCTIVE, OR MUTAGENIC EFFECTS ARE UNKNOWN

SECTION VII PREVENTATIVE MEASURES

PROTECTIVE EQUIPMENT:

UNDER PROPER USAGE NONE REQUIRED

GLOVES:

NONE

RESPIRATORY:

NONE

EYE:

NONE

FOOTWEAR:

NONE

CLOTHING:

NONE

OTHER:

NONE

ENGINEERING CONTROLS:

NORMAL ROOM VENTILATION

LEAK & SPILL PROCEDURE:

INDIVIDUAL SINGLE-USE PACKETS PRECLUDE SPILLAGE PROBLEMS

HANDLING PROCEDURES:

NO SPECIAL REQUIREMENTS

STORAGE REQUIREMENTS:

STORE IN A COOL DRY PLACE

SHIPPING INFORMATION:

NORMAL FOR FLAMMABLE MATERIALS

SECTION VIII FIRST AID MEASURES

INHALATION: REMOVE TO FRESH AIR. CALL A PHYSICIAN.

EYE OR SKIN CONTACT: FLUSH EYES AND SKIN WITH PLENTY OF WATER, CONSULT A PHYSICIAN.

INGESTION: DRINK COPIOUS AMOUNTS OF WATER/MILK AND CONTACT PHYSICIAN.

GENERAL ADVICE: DO NOT SMOKE WHILE USING, KEEP AWAY FROM CHILDREN WASH HANDS AFTER USING.