

# MATERIAL SAFETY DATA SHEET

## ADIOS

DATE: 12/31/03  
SUPERSEDES: 12/20/00

HAZARD RATINGS (0-4)  
FIRE 0 REACTIVITY 0  
TOXICITY 2 SPECIAL

SUPPLIER: MIDLAND PRODUCTS  
18600 GRAPHICS COURT TINLEY PARK, IL 60477  
(708) 444-8200

TRADE NAME: ADIOS  
PRODUCT TYPE: LIQUID HARD SURFACE CLEANER  
CHEMICAL FORMULA: MIXTURE  
CHEMICAL NAME: N/A

### COMPONENT LIST - SECTION I

<u>COMPONENT</u>	<u>CAS</u>	<u>REG#</u>	<u>%</u>	<u>TLV</u> <u>OSHA</u>	<u>TLV</u> <u>ACGIH</u>
TETRASODIUM EDETATE	64-02-8		8 - 12	N/A	N/A
NONYLPHENOL ETHOXYLATE	9019-45-9		<1	N/A	N/A
TRISODIUM NITRILACETATE* (NTA)	5064-31-3		.2 - .3	N/A	N/A

\*This item is subject to reporting requirements under SARA III, Section 313.

### PHYSICAL PROPERTIES - SECTION II

APPEARANCE: CLEAR GREEN LIQUID WITH FAINT ODOR  
pH: 12.5  
VISCOSITY: 4 - 5  
FREEZING POINT: 32° F, WATER  
BOILING POINT: 212° F, WATER  
VAPOR PRESSURE: <18  
VAPOR DENSITY: <1  
SOLUBILITY IN WATER: COMPLETE  
VOLATILE (% WT): 85 - 90  
SPECIFIC GRAVITY: 1.08  
EVAPORATION RATE: <1

### FIRE AND EXPLOSION HAZARD - SECTION III

FLASH POINT: NONE, WATER SOLUTION  
LOWER EXPLOSION LIMIT: N/A UPPER EXPLOSION LIMIT: N/A  
AUTO IGNITION TEMP: N/A  
EXTINGUISHING MEDIUM: FOAM, ALCOHOL FOAM, CO<sub>2</sub>, DRY CHEMICAL, WATER SPRAY  
SPECIAL FIRE FIGHTING PROCEDURES:  
COOL AND USE CAUTION WHEN APPROACHING FIRE-EXPOSED CONTAINERS  
UNUSUAL FIRE AND EXPLOSION HAZARDS:  
CONTAINERS MAY BURST IN HEAT OF FIRE

### HEALTH HAZARDS - SECTION IV

THRESHOLD LIMIT VALUES: NONE ESTABLISHED  
PRIMARY ROUTES OF EXPOSURE: EYE, SKIN  
CARCINOGENS OR SUSPECTED CARCINOGENIC INGREDIENTS: NTA, BY BOTH NTP AND IARC  
EFFECTS OF OVEREXPOSURE:  
IF IN EYES - UNDILUTED PRODUCT SPLASHED IN EYES MAY CAUSE SEVERE IRRITATION.  
IF ON SKIN - BRIEF CONTACT WITH PRODUCT SHOULD NOT PRODUCE ANY HARMFUL EFFECTS, BUT  
PROLONGED CONTACT, AS FROM CLOTHING WET WITH PRODUCT, MAY CAUSE IRRITATION.  
IF INHALED - NO HARMFUL EFFECTS AS ORDINARILY USED. IF SPRAY MISTED, MAY CAUSE  
RESPIRATORY TRACT IRRITATION.  
IF SWALLOWED - MAY CAUSE NAUSEA, VOMITING AND DIARRHEA.

**EMERGENCY AND FIRST AID PROCEDURES:**

IF IN EYES: FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. IF DISCOMFORT PERSISTS, SEEK MEDICAL ATTENTION.

IF ON SKIN: RINSE THOROUGHLY WITH WATER.

IF INHALED: GO TO FRESH AIR.

IF SWALLOWED: GIVE TWO GLASSES OF WATER. DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION IMMEDIATELY.

**REACTIVITY - SECTION V**

STABILITY: STABLE

CONDITIONS TO AVOID: NONE KNOWN

HAZARDOUS DECOMPOSITION PRODUCTS: NONE KNOWN

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

INCOMPATIBILITY (MATERIALS TO AVOID): AVOID STRONG OXIDIZING AND REDUCING AGENTS

**SPILLS OR LEAK PROCEDURE - SECTION VI**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

FOR SMALL SPILLS THAT CAN BE HANDLED ROUTINELY, WIPE UP AND FLUSH AREA WITH WATER.

FOR LARGE SPILLS, COLLECT PRODUCT WITH SUITABLE ABSORBENT AND COLLECT FOR DISPOSAL.

FLOORS MAY BE SLIPPERY; USE CARE TO AVOID FALLING.

WASTE DISPOSAL METHODS:

FOR LARGE SPILLS - LANDFILL ABSORBED MATERIAL IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

**SPECIAL PROTECTION - SECTION VII**

VENTILATION TYPE: GENERAL ROOM VENTILATION UNDER NORMAL USE WHERE MISTING UNLIKELY.

RESPIRATORY PROTECTION: NONE NEEDED UNDER NORMAL USE CONDITIONS. WHERE SUBSTANTIAL MISTING LIKELY, USE NIOSH APPROVED RESPIRATOR.

PROTECTIVE GLOVES: NONE REQUIRED, IMPERVIOUS FOR PROLONGED USE.

EYE PROTECTION: SAFETY GLASSES IF SPLASHING LIKELY.

OTHER PROTECTIVE EQUIPMENT: NONE

**STORAGE AND HANDLING - SECTION VIII**

KEEP FROM FREEZING. STORE AT 50° - 110° F.

**SHIPPING - SECTION IX**

PROPER SHIPPING NAME: COMPOUNDS, CLEANING LIQUID, NOI

**MISCELLANEOUS - SECTION X**

ABBREVIATIONS:	N/A: NOT APPLICABLE	UNK: UNKNOWN
	N/D: NOT DETERMINED	< : LESS THAN
	N/E: NOT ESTABLISHED	> : GREATER THAN

PREPARED BY: JOHN ROTH