

MATERIAL SAFETY DATA SHEET

RE-NU

DATE: 12/31/03
SUPERSEDES: 1/23/01

HAZARD RATINGS (0-4)
FIRE 0 REACTIVITY 0
TOXICITY 1 SPECIAL

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

TRADE NAME: RE-NU
PRODUCT TYPE: LIQUID FABRIC CLEANER
CHEMICAL FORMULA: MIXTURE
CHEMICAL NAME: LIQUID DETERGENT

COMPONENT LIST - SECTION I

<u>COMPONENT</u>	<u>CAS</u>		<u>TLV</u>	<u>TLV</u>
	<u>REG#</u>	<u>%</u>	<u>OSHA</u>	<u>ACGIH</u>
ANIONIC SURFACTANT	N/A	2 - 5	N/D	N/D
NONIONIC SURFACTANT	39354-45-5	1 - 2	N/D	N/D
TRIETHANOLAMINE	102-71-6	< 1	N/E	N/E

This product contains no ingredients that are listed in the SARA III, Section 313 Inventory.

PHYSICAL PROPERTIES - SECTION II

APPEARANCE: CLEAR, LIGHT YELLOW LIQUID WITH FLORAL ODOR
pH: 8.15
VISCOSITY: 3
FREEZING POINT: 32° F, WATER
BOILING POINT: 212° F, WATER
VAPOR PRESSURE: <18
VAPOR DENSITY: <1
SOLUBILITY IN WATER: COMPLETE
VOLATILE (% WT): 95
SPECIFIC GRAVITY: 1.01
EVAPORATION RATE: <1

FIRE AND EXPLOSION HAZARD - SECTION III

FLASH POINT: NONE
LOWER EXPLOSION LIMIT: N/A UPPER EXPLOSION LIMIT: N/A
AUTO IGNITION TEMP: N/A
EXTINGUISHING MEDIUM: CO₂, 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: NONE
EFFECTS OF OVEREXPOSURE:
 IF IN EYES - CAUSES IRRITATION.
 IF ON SKIN - NO ADVERSE EFFECTS EXPECTED UNDER NORMAL USE. PROLONGED AND REPEATED CONTACT MAY CAUSE IRRITATION.
 IF INHALED - NO ADVERSE EFFECTS EXPECTED.
 IF SWALLOWED - MAY CAUSE GENERAL NAUSEA AND DISTRESS.

EMERGENCY AND FIRST AID PROCEDURES:

IF IN EYES: FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS APART TO ENSURE FLUSHING OF ENTIRE EYE SURFACE. IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION.

IF ON SKIN: FLUSH THOROUGHLY WITH WATER. WASH CLOTHING BEFORE REUSE.

IF SWALLOWED: WASH MOUTH WITH WATER. DILUTE BY GIVING WATER TO DRINK AND CALL A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DO NOT INDUCE VOMITING.

REACTIVITY - SECTION V

STABILITY: STABLE

CONDITIONS TO AVOID: N/A

HAZARDOUS DECOMPOSITION PRODUCTS: UNK

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

INCOMPATIBILITY (MATERIALS TO 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, MOP UP AS MUCH AS POSSIBLE, THEN FLUSH RESIDUE INTO SANITARY SEWER SYSTEM.

WASTE DISPOSAL METHODS:

SMALL QUANTITIES CAN BE FLUSHED WITH WATER INTO SANITARY SEWER. LARGE QUANTITIES SHOULD BE ABSORBED OR CONTAINED.

SPECIAL PROTECTION - SECTION VII

VENTILATION TYPE: GENERAL ROOM VENTILATION IS NORMALLY ADEQUATE.

RESPIRATORY PROTECTION: NONE NEEDED UNDER NORMAL USE CONDITIONS.

PROTECTIVE GLOVES: NOT NORMALLY REQUIRED.

EYE PROTECTION: SAFETY GLASSES IF SPLASHING LIKELY.

OTHER PROTECTIVE EQUIPMENT: USE GOOD PERSONAL HYGIENE PRACTICES.

STORAGE AND HANDLING - SECTION VIII

KEEP FROM FREEZING. STORE AT 50° - 120° F. PROTECT FOOD PRODUCTS AND PACKAGING BEFORE USING THIS PRODUCT.

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