

MATERIAL SAFETY DATA SHEET

SUPER-C

DATE: 12/31/03
SUPERSEDES: 1/5/01

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: SUPER-C
PRODUCT TYPE: LIQUID CLEANER
CHEMICAL FORMULA: MIXTURE
CHEMICAL NAME: SURFACTANT CLEANER

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>
CHELATING AGENT		64-02-8	1 - 2		N/E		N/E
FATTY ACID SOAP		68134-47-8	10 -15		N/E		N/E
ETHYLENE GLYCOL MONOBUTYL ETHER*	111-76-2		2 - 5		25 ppm, skin		25 ppm, skin
NONYLPHENOL ETHOXYLATE		9016-45-9	2 - 5		N/E		N/E
PINE OIL		8002-09-3	1 - 3		N/E		N/E

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

PHYSICAL PROPERTIES - SECTION II

APPEARANCE: CLEAR RED LIQUID WITH PINE ODOR
pH: ~ 10
VISCOSITY: ~ 500 CPS
FREEZING POINT: 32° F, WATER
BOILING POINT: 212° F, WATER
VAPOR PRESSURE: <18
VAPOR DENSITY: <1
SOLUBILITY IN WATER: COMPLETE
VOLATILE (% WT): ~ 80
SPECIFIC GRAVITY: 1.01
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, 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 - UNDILUTED PRODUCT SPLASHED IN EYES MAY CAUSE IRRITATION.
IF ON SKIN - PROLONGED CONTACT, AS FROM CLOTHING WET WITH PRODUCT, MAY CAUSE IRRITATION.
IF INHALED - NO HARMFUL EFFECTS AS ORDINARILY USED. IF SPRAY MISTED, MAY CAUSE CHEST DISCOMFORT AND COUGHING.
IF SWALLOWED - MAY CAUSE NAUSEA, VOMITING AND DIARRHEA.

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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. 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

VOC: 0

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

PREPARED BY: JOHN ROTH