

MATERIAL SAFETY DATA SHEET 2

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Information #: (626) 363-6200
 Emergency #: Chem-Tel (800) 255-3924

SATIN SOFT HOLD NAHS 55% VOC

Latest Revision Date...01/27/05

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SECTION 1

PRODUCT IDENTIFICATION

PRODUCT NAME OR NUMBER..... RC01N3L
 TRADE NAME OR CHEMICAL NAME... SATIN SOFT HOLD NAHS 55% VOC
 SYNONYMS..... NA
 FORMULA..... TEL3L01
 CHEMICAL FAMILY..... NA
 MOLECULAR WEIGHT..... NA
 NFPA..... NA
 HMIS RATING..... HEALTH-1; FLAMMABILITY-3; REACTIVITY-0

SECTION 2

HAZARDOUS INGREDIENTS / HAZARD DATA

CHEMICAL NAME(S)	CAS NUMBER	% WT	TLV-TWA	PEL	SEC. 313
ETHANOL	64-17-5	62	1000 ppm	1000 ppm	No
ACETONE	67-64-1	6	750 ppm	TWA 750; STEL 100	No

Information for mixtures is based on constituent MSDS which are available upon request. (Minus Proprietary Trade Names).

SECTION 3

PHYSICAL DATA

BOILING/MELTING POINT @760 mm Hg... 172°F
 pH..... 025C = 7.33 - 7.73
 VAPOR PRESSURE mm Hg @20°C..... 44.6mm @ 20°C
 VAPOR DENSITY (Air = 1)..... >1
 PERCENT VOLATILE BY WEIGHT (%)..... 55% VOC
 SPECIFIC GRAVITY OR BULK DENSITY... @ 25C = 0.915 - 0.935
 SOLUBILITY IN WATER..... SOLUBLE
 EVAPORATION RATE (DuAc = 1)..... >1
 APPEARANCE..... CLEAR COLORLESS LIQUID
 ODOR..... CHARACTERISTIC
 INTENSITY..... NA

SECTION 4

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT °F (Test Method)..... 75°F (KPA METHOD 1010)
 AUTOIGNITION TEMPERATURE..... NA
 FLAMMABILITY LIMITS IN AIR (% V)... LEL=1.8%; UEL=9.5%
 EXTINGUISHING MEDIA..... CARBON DIOXIDE; FOAM; DRY CHEMICAL
 SPECIAL FIRE FIGHTING PROCEDURES... KEEP TEMPERATURE OF CONTAINERS BELOW 120°F BY SPRAYING WITH WATER UNTIL THE FIRE HAS BEEN EXTINGUISHED.
 UNUSUAL FIRE & EXPLOSION HAZARDS... CONTAINERS MAY RUPTURE AND RELEASE FLAMMABLE LIQUIDS AND/OR GASSES IF EXPOSED TO HEAT OF FIRE.

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SECTION 5 HEALTH HAZARD DATA & EFFECTS OF OVEREXPOSURE

SKIN CONTACT.....None known.
EYE CONTACT.....Direct contact of product with eyes may cause irritation, and may result in irreversable damage.
INHALATION.....None known.
INGESTION.....If ingested may cause nausea and vomiting. If in aerosol form ingestion not likely
CHRONIC EFFECTS
OF OVEREXPOSURE....None known.
TOXICOLOGICAL
TEST DATA.....No results available.

SECTION 6 EMERGENCY AND FIRST AID PROCEDURES

SKIN.....Wash excess material from skin with soap and water.
EYES.....Flush eyes with generous amounts of water for at least 15 minutes. Consult a physician if irritation occurs or worsens.
INGESTION...Product is not likely to be ingested. If this occurs, treat symptomatically. Never give fluids or induce vomiting if the victim is unconscious or having convulsions.
INHALATION...Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

SECTION 7 REACTIVITY DATA

PRODUCT STABILITY..... STABLE
Conditions to Avoid..... KEEP AWAY FROM ACIDS, ALKALIES AND STRONG OXIDIZERS.
CHEMICAL INCOMPATIBILITY..... ACIDS, STRONG ALKALIES AND OXIDIZERS
HAZARDOUS DECOMPOSITION PRODUCTS... NONE
HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR.
Conditions to Avoid..... NONE KNOWN
CORROSIVE TO METAL..... NO
OXIDIZER..... NA

SECTION 8 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION.....None required.
VENTILATION.....Normal ventilation.
PROTECTIVE CLOTHING.....Not necessary except as good industrial practice.
EYE PROTECTION.....Not necessary except as good industrial practice.
OTHER PRECAUTIONS.....Avoid excessive inhalation. Read and follow all label directions and cautions. Use only as directed.

SECTION 9 ENVIRONMENTAL DATA

ENVIRONMENTAL TOXICITY DATA.... NA
SPILL OR LEAK PROCEDURES..... CONTAIN SPILL, ABSORB WITH "SOCKS" OIL-DRY CHEMICAL OR OTHER SUITABLE ABSORBENT.
HAZARDOUS SUBSTANCE SUPERFUND... NA
WASTE DISPOSAL METHOD..... BURY OR INCINERATE IN APPROVED DISPOSAL FACILITIES AND IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.
HAZARDOUS WASTE 40CFR261..... D001
CONTAINER DISPOSAL..... EMPTY CONTAINERS MAY BE DISPOSED OF AS NORMAL REFUSE. RECYCLE WHENEVER POSSIBLE.

SECTION 10 SHIPPING DATA - HIGHWAY

D.O.T. PROPER SHIPPING NAME..... UP TO 33.8 FL.OZ.: CONSUMER COMMODITY; OVER 33.8 FL.OZ.: ETHANOL SOLUTION
HAZARDOUS SUBSTANCE 49CFR CERCLA... NA

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SECTION 10

SHIPPING DATA - HIGHWAY

CONT'D

D.O.T. HAZARD CLASS..... UP TO 33.8 FL.OZ.: ORM-D; OVER 33.8 FL.OZ.: 3
 D.O.T. LABELS REQUIRED..... UP TO 33.8 FL.OZ.: NONE; OVER 33.8 FL.OZ. FLAMMABLE LIQUID
 D.O.T. PLACARDS REQUIRED..... UP TO 33.8 FL.OZ.: NONE; OVER 33.8 FL.OZ. FLAMMABLE LIQUID
 POISON CONSTITUENT..... NONE
 BILL OF LADING DESCRIPTION..... UP TO 33.8 FL.OZ.: CONSUMER COMMODITY ORM-D; OVER 33.8 FL.OZ.: ETHANOL SOLUTIONS
 (ETHANOL, WATER),3,UN1170,II
 EMERGENCY RESPONSE GUIDE NUMBER.... UP TO 33.8 FL.OZ.: NAERG #171; OVER 33.8 FL.OZ.: NAERG #127
 EMERGENCY TELEPHONE NUMBER..... CHEM-TEL 1-800-255-3924 USA AND CANADA; 1-813-979-0626; INTERNATIONAL CALL
 00-1-813-979-0626
 UN/NA CODE..... EP 33.8 FL.OZ.: NONE; OVER 33.8 FL.OZ. UN1170

SECTION 11

SHIPPING DATA - IATA (AIR)

IATA PROPER SHIPPING NAME..... UP TO 17 FL. OZ. IS CONSUMER COMMODITY; OVER 17 FL. OZ IS ETHANOL SOLUTIONS
 IATA HAZARD CLASS..... UP TO 17 FL. OZ. IS CLASS 9; OVER 17 FL. OZ. IS CLASS 3
 IATA LABELS REQUIRED - PRIMARY..... UP TO 17 FL. OZ. IS A MISCELLANEOUS LABEL; OVER 17 FL. OZ. IS A FLAMMABLE LIQUID LABEL
 IATA LABELS REQUIRED - SECONDARY... NONE
 BILL OF LADING DESCRIPTION..... UP TO 17 FL. OZ. IS CONSUMER COMMODITY,9, ID8000; OVER 17 FL. OZ. IS ETHANOL SOLUTION
 (ETHANOL,WATER),3,UN1170,II
 UN/NA CODE..... UP TO 17 FL. OZ. IS ID8000; OVER 17 FL. OZ. IS UN1170
 PACKING INSTRUCTION..... UP TO 17 FL. OZ. IS 920; OVER 17 FL. OZ. IS Y305 OR IF OVER 1 LITER 305
 EMERGENCY RESPONSE GUIDE NUMBER.... UP TO 17 FL.OZ: EMERG 5171; GREATER THAN 17 FL.OZ: NAERG #127
 EMERGENCY RESPONSE TELEPHONE NO.... CHEM-TEL 1-813-979-0626; US & CANADA ONLY 1-800-255-3924; INTERNATIONAL CALL
 00-1-813-979-0626

SECTION 12

SHIPPING DATA - IMDG (WATER)

IMDG PROPER SHIPPING NAME..... ETHANOL SOLUTIONS
 IMDG HAZARD CLASS..... 3.2
 IMDG LABELS REQUIRED - PRIMARY..... UP TO 17 FL. OZ. NO LABEL REQUIRED; OVER 17 FL. OZ. FLAMMABLE LIQUID LABEL
 IMDG LABELS REQUIRED - SECONDARY... ROLLON DIAMOND SYMBOL WITH UN 1170 MARKED AT ITS CENTER.
 IMDG PLACARDS REQUIRED..... UP TO 17 FL.OZ.: NONE; OVER 17 FL.OZ.: FLAMMABLE LIQUID
 BILL OF LADING DESCRIPTION..... UP TO 17 FL. OZ. ETHANOL SOLUTIONS (ETHANOL,WATER),3.2,UN1170,II,LTD. QTY; OVER 17 FL.
 OZ. ETHANOL SOLUTIONS (ETHANOL,WATER),3.2,UN1170,II
 MARINE POLLUTANT..... NO
 EMERGENCY RESPONSE GUIDE NUMBER.... NAERG #127
 EMS NUMBER..... 3-06
 NFPA NUMBER..... 305
 EMERGENCY TELEPHONE NUMBER..... CHEM-TEL 1-813-979-0626; US & CANADA ONLY 1-800-255-3924; INTERNATIONAL CALL
 00-1-813-979-0626
 IMDG PAGE NUMBER..... 3219
 UN CODE..... UN1170

SECTION 13

ADDITIONAL INFORMATION

This Material Safety Data Sheet (MSDS) Has been prepared in compliance with OSHA Hazard Communication Standard 29CFR 1910,1200
 The information contained herein is, to the best of our knowledge and belief, accurate and reliable as of the date issued.
 We do not however, warrant or guarantee the accuracy or reliability, nor shall we be liable for any loss or damage arising out of the use thereof. The information is offered for the user's consideration and examination, and it is the user's

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SECTION 13

ADDITIONAL INFORMATION

CONT'D

responsibility to satisfy himself that it is suitable and complete for his particular use.

PREPARED BY: B. MacGREGOR TECHNICAL DIRECTOR
NA (N/A): NOT AVAILABLE

ABBREVIATIONS:

UNK: UNKNOWN

NE (N/E): NOT ESTABLISHED

ND (N/D): NOT DETERMINED