

Superfund Record
SITE: SR5 NE
BREAK: 11.9
OTHER: 448131

4231
1048

ENCLOSURE B

**Solvents Recovery Service of New England
104(e) Information Request Form for Generators**

1. Name of Respondent: Costar Corporation (Morningstar)
2. Date Information Request Completed: November 12, 1992
3. For each transaction listed on Form 1 (attached), identify by **chemical name** the type of waste material that the Respondent sent for treatment or disposal to the Site or sent with a transporter for treatment or disposal to the Site. If the chemical name is not known, please state the trade name **and** the name of the manufacturer. Also identify the transporter of each waste volume and identify who made the decision to bring the waste to the Site -- the transporter, generator, or broker. Attach copies of all documents consulted, examined, or referred to in the preparation of answers to these questions.
4. At the end of Form 1 and consistent with the format of Form 1, identify and provide complete information on any additional transactions which do not appear on Form 1 or transactions which are in some manner incorrectly recorded on Form 1. Attach copies of all documents which provide information on these transactions.
5. If you are **not** the generator of any of the wastes attributed to you in the listing of transactions on Form 1 (i.e., you sent waste materials to the Site for disposal or treatment that were generated by a person other than you), please complete steps **a** through **d** below:
 - a) Provide the information requested for that transaction on Form 1;
 - b) Highlight the transaction by placing an asterisk (*) to the left of the appropriate transaction date on Form 1; **and**
 - c) Provide the information requested on Form 2 (attached);
 - d) Attach copies of all documents consulted, examined, or referred in to the preparation of answers to these questions.
6. Please identify all persons consulted in the preparation of the answers to these questions. Indicate their relationship to the Respondent (e.g., current employee - environmental manager, past employee - maintenance department, etc.). Attach extra pages if necessary.



448131
SDMS DocID

6. (continued)

Name: Don Flynn
Address 684 E. 6th Street
South Boston, MA 02127
Phone No. 617-268-0401
Relation to Respondent Former Employee - Tooling Supervisor

Name: Sam Autiello
Address: 14 Union St., Unit 1
Natick, MA
Phone No. 508-653-0841
Relation to Respondent Former Employee - Molding Tech

Name: Gregory Mathus
Address: 49 Deer Grass Lane
Concord, MA 01742
Phone No. 617-868-6200
Relation to Respondent: Employee - V.P. Engineering

Name: Bobby J. Shrader
Address: C/O Costar Corporation
Alewive Rd., Kennebunk, ME
Phone No. 207-985-3111
Relation to Respondent: Employee - Manufacturing Supervisor

7. Please identify the person(s) completing this questionnaire and identify the relationship to the Respondent. Attach extra pages if necessary.

Name: Theodore Morse

Address: Costar Corporation

One Alewife Center, Cambridge, MA 02140

Phone No. 617-868-6200

Relation to Respondent: Employee - Director of Financial Services

Name: Tom O'Brien

Address: Costar Corporation

One Alewife Center, Cambridge, MA 02140

Phone No. 617-868-6200

Relation to Respondent: Employee - Director of Manufacturing

Name: _____

Address: _____

Phone No. _____

Relation to Respondent: _____

**Solvents Recovery Service of New England
Morningstar**

| Transaction Date (1) | Gallon Volume (2) | Waste Type (3) | Name/Address of Transporter | Name/Description of Who Selected the Site (4) |
|----------------------|-------------------|---|-----------------------------|---|
| 06/16/60 | 825.00 | Hydraulic Oil Texaco #01658 Rando HD46 | Not Known | Transporter |
| 11/26/62 | * 660.00 | " " " " | " " | " |
| 11/26/62 | 880.00 | " " " " | " " | " |

Through interviews with current & former employees, we have concluded that the above shipments were all for the Hydraulic Oil used in our molding machines. The transporter may have been located in Waltham, MA but we are not sure. For your reference, I have attached a copy of the material safety data sheet.

Notes:

- (1) The transaction date refers to the date the waste was delivered to SRSNE. This date may differ from the date the waste left the generator's facility, (particularly if the transaction was brokered by another party), and therefore may not match exactly with your records. EPA expects you to make your best efforts to correlate your records with EPA's documents. This is to prevent double-counting of shipments in EPA's volumetric ranking.
- (2) All gallon volumes are waste-in transactions to SRSNE.
- (3) Please state waste type by chemical name. If the chemical name is not known, please state the trade name and the manufacturer's name.
- (4) e.g., XYZ Chemical Company - generator; ABC Waste Trucking - transporter; EFG Waste Disposal Service - broker.

Solvents Recovery Service of New England
Transactional Documentation Summary
Generator

Page: 1

| <u>Generator</u> | <u>Transaction Date</u> | <u>Gallon Volume</u> | <u>Document Reference(s)</u> |
|------------------|-----------------------------|----------------------|--|
| Morningstar | 07/16/68 | 825.00 | 0100079 - SRSNE Logbook - Order # 2335 |
| | 11/26/62 | 468.00 | 0100128 - SRSNE Logbook - Order # 3836 |
| | 11/26/62 | 880.00 | 0100129 - SRSNE Logbook - Order # 3837 |
| | | <hr/> | |
| | | 2,365.00 | |

All assigned volumes are calculated from waste-in transactions to the Solvents Recovery Service of New England facility. Documentation was provided by the owners of Solvents Recovery Service of New England and the Connecticut Department of Environmental Protection.

SRP003



CONFIDENTIAL

| | | | | | |
|-------|----------------|------|-------|---|------------------|
| 2346 | Premrod | 6/10 | 16 | ✓ | w. Serp |
| 47 | Premrod | 6/10 | 8.24 | ✓ | |
| 48 | Rebbs Chem | 6/13 | 16 | ✓ | Wes. Haven |
| 49 | Polyvinyl | 6/13 | 24 | ✓ | Bradford |
| 50 | J.E. | 6/14 | 28 | ✓ | Chelsea Mass |
| X 51 | Lyding Lab | 6/15 | 30 | ✓ | Lyding Lab |
| 52 | Ingleham Co. | 6/15 | 8 | ✓ | Boston |
| 53 | Janet Dev | 6/16 | 4 | ✓ | Thames St. |
| 34 | Mary Oak | 6/16 | 5 | ✓ | |
| ← 55 | Washingt. St. | 6/16 | 15 | ✓ | Budget - Budget |
| 23 56 | Tomato Juice | 6/17 | 3 | ✓ | Thames St. |
| 23 57 | Leaves P/p | 6/17 | 7 | ✓ | Attleboro Mass |
| 23 58 | Bird Skin | 6/17 | 12 | ✓ | P. Walpole Mass |
| 23 59 | Electrostatic | 6/17 | 9 | ✓ | Wilmington Ct. |
| 23 60 | M. Swift | 6/20 | 18.76 | ✓ | Frankford |
| 23 61 | Easton Soc | 6/20 | 21 | ✓ | Whaling Mass |
| 23 62 | Chemical cast | 6/20 | 21 | ✓ | Rocky Hill Ct. |
| 23 63 | Ch. Land. Co. | 6/20 | 3 | ✓ | |
| 23 64 | Wright's Inc | 6/20 | 8 | ✓ | Worcester Mass |
| 23 65 | OOD Industries | 6/20 | 7 | ✓ | Leominster Mass |
| 66 | Reliance Const | 6/21 | 68 | ✓ | Budget |
| 67 | Polyvinyl | 6/21 | 22 | ✓ | West Springfield |
| 68 | San. Bureau | 6/21 | 7 | ✓ | |
| 69 | San. Bureau | 6/21 | 16 | ✓ | W. Haven |
| 23 70 | Bolla's | 6/22 | 54 | ✓ | Lawrence Mass |
| 23 71 | Leaves P/p | 6/22 | 16 | ✓ | W. Haven |
| 23 72 | | 6/22 | 20 | ✓ | |
| 2 | | 6/22 | 7 | ✓ | |
| 23 73 | San. Bureau | 6/22 | 3 | ✓ | |
| 23 74 | San. Bureau | 6/22 | 3 | ✓ | |
| 23 75 | A.C. Const | 6/22 | 11 | ✓ | |

126

CONFIDENTIAL

13

1 00128

| | | | | |
|------|------------------|-------|--------|------------------|
| 3815 | Am. optical | 11/15 | 8 | Keene N.H. |
| 3816 | Balta Prod. | 11/15 | 54 | Leicester Mass |
| 3817 | Bene Backing | 11/15 | 18 | Stamford Ct. |
| 3818 | Elect. & Corp. | 11/15 | 16 | old-Haven Conn |
| 3819 | B. Kelly & Co | 11/16 | 30 | Brattleboro VT |
| 3820 | Truvalde es | 11/17 | 68-50 | Beverly Mass |
| 3821 | Royal Chem | 11/17 | 4853 | Halifax |
| 3822 | Automotive parts | 11/19 | 6 | Roxbury Mass |
| 3823 | Little's Paper | 11/19 | 3 | Boston " |
| 3824 | Arrow Arm. | 11/19 | 11 | Boston " |
| 3825 | M. Swift | 11/20 | 18 | Hartford |
| 3826 | Explet. Spr. | 11/20 | 14 TCE | Wallingford. |
| 3827 | Denison Mfg | 11/20 | 28 | North Framingham |
| 3828 | Western Sealant | 11/21 | 7 | Norwalk |
| 3829 | Ind. Poly. Chem | 11/21 | 6 | Shrewsbury Mass |
| 3830 | Empire Rubber | 11/21 | 7 | Worcester " |
| 3831 | Chem Soc | 11/23 | 31 | Malden Mass |
| 3832 | U.S. Elect. Mfg | 11/23 | 25 | Milford Conn |
| 3833 | Structural Inc | 11/23 | 15 | Albany N.Y. |
| 3834 | Thomas Tool | 11/26 | 6 | Thomaston Conn |
| 3835 | Levell Mfg. | 11/26 | 64 | W. Conn |
| 3836 | Morningstar | 11/26 | 12 | Cambridge |
| 3837 | Morningstar | 11/26 | 16 | " |
| 3838 | Lehigh Varnish | 11/27 | 28 | Templeton Mass |
| 3839 | Ply. Rubber | 11/28 | 80 | Canton Mass |
| 3840 | Gen. Electric | 11/28 | 28 | Chelsea Mass |
| 3841 | Balta Prod. | 11/28 | 54 | Farmington Conn |
| 3842 | Royal Chem | 11/29 | 5400 | Halifax |
| 3843 | Waltham Corp | 11/30 | 64 | Waltham Mass |
| 3844 | M. Swift | 12/3 | 18-16 | Hartford |

SRP003

10473



PRODUCT CODE: 01658
 PRODUCT NAME: RANDO OIL HD 46

Date Issued: 12/05/90
 Supersedes: 06/21/89

16. PRODUCT LABEL

READ AND UNDERSTAND MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR DISPOSING OF PRODUCT

01658 RANDO OIL HD 46

WARNING STATEMENT

NONE CONSIDERED NECESSARY

PRECAUTIONARY MEASURES

AVOID PROLONGED BREATHING OF MIST OR VAPOR
 WORKERS SHOULD WASH EXPOSED SKIN SEVERAL TIMES DAILY WITH SOAP AND WATER

FIRST AID

INGESTION:

If more than several mouthfuls have been swallowed, give two glasses of water (16 oz.). Get medical attention.

INHALATION:

If irritation, headache, nausea, or drowsiness occurs, remove to fresh air. Get medical attention if breathing becomes difficult or symptoms persist.

EYE CONTACT:

Flush eyes with plenty of water for several minutes. Get medical attention if eye irritation persists.

SKIN CONTACT:

Wash skin with plenty of soap and water for several minutes. Get medical attention if skin irritation develops or persists.

NOTE TO DOCTOR:

NOTE TO PHYSICIAN: High pressure injection of material into skin, if not properly treated, can cause severe injury. Most damage occurs during first few hours. Failure to debride the wound of all residual material can result in disfigurement, loss of function, or even require amputation of the affected area. The extent of the injury cannot be determined by examining the wound. X-ray may reveal the presence of gas in tendon sheaths or soft tissue.

FIRE

In case of fire, use foam, dry chemical, or CO2. Use water spray to keep containers cool.

| <u>Chemical/Common Name</u> | <u>CAS No.</u> | <u>Range in %</u> |
|--|----------------|-------------------|
| Solvent-dewaxed heavy paraffinic petroleum distillates | 64742650 | 95.00 - 99.99 |

Product is non-hazardous according to OSHA (1910.1200).
 Not classified as a hazardous material by DOT definition.

HMIS

Health : 0 Reactivity : 0
 Flammability: 1 Special : -

National Fire Protection Association

Health : 0 Reactivity : 0
 Flammability: 1 Special : -

CAUTION: Misuse of empty containers can be hazardous. Empty containers can be hazardous if used to store toxic, flammable, or reactive materials. Cutting or welding of empty containers might cause fire, explosion or toxic fumes from residues. Do not pressurize or expose to open flame or heat. Keep container closed and drum bungs in place.

Manufacturer's Name: Texaco Lubricants Co. Div of TRMI
 P.O. Box 52332 Houston, TX 77052

TRANSPORTATION EMERGENCY Company: (914) 831-3400
 CHEMTREC: (800) 424-9300

HEALTH EMERGENCY Company: (914) 831-3400



PRODUCT CODE: 01658
 PRODUCT NAME: RANDO OIL HD 46

Date Issued: 12/05/90
 Supersedes: 06/21/89

14. REGULATORY INFORMATION

A. SARA TITLE III

Title III Section 302/304 Extremely Hazardous Substance:

| Component | CAS No. | Percent | RO (lbs) | TPQ (lbs) |
|-----------|---------|---------|----------|-----------|
| NONE | | | | |

CERCLA Section 102(a) Hazardous Substance

| Component | CAS No. | Percent | RO (lbs) |
|-----------|---------|---------|----------|
| NONE | | | |

Title III Section 311 Hazard Categorization

Acute Chronic Fire Pressure Reactive Not Applicable
 - - - - - X

Title III Section 313 Toxic Chemicals

| Component | CAS No. | Percent |
|-----------|---------|---------|
| NONE | | |

B. WHMIS CLASSIFICATION

Not Regulated

C. MICHIGAN CRITICAL MATERIALS

0.029% zinc

15. OTHER INFORMATION

None

THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE. IT IS PROVIDED INDEPENDENTLY OF ANY SALE OF THE PRODUCT FOR PURPOSE OF HAZARD COMMUNICATION AS PART OF TEXACO'S PRODUCT SAFETY PROGRAM. IT IS NOT INTENDED TO CONSTITUTE PERFORMANCE INFORMATION CONCERNING THE PRODUCT. NO EXPRESS WARRANTY, OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE WITH RESPECT TO THE PRODUCT OR THE INFORMATION CONTAINED HEREIN. DATA SHEETS ARE AVAILABLE FOR ALL TEXACO PRODUCTS. YOU ARE URGED TO OBTAIN DATA SHEETS FOR ALL TEXACO PRODUCTS YOU BUY. PROCESS, USE OR DISTRIBUTE AND YOU ARE ENCOURAGED AND REQUESTED TO ADVISE THOSE WHO MAY COME IN CONTACT WITH SUCH PRODUCTS OF THE INFORMATION CONTAINED HEREIN.

TO DETERMINE APPLICABILITY OR EFFECT OF ANY LAW OR REGULATION WITH RESPECT TO THE PRODUCT, USER SHOULD CONSULT HIS LEGAL ADVISOR OR THE APPROPRIATE GOVERNMENT AGENCY. TEXACO DOES NOT UNDERTAKE TO FURNISH ADVICE ON SUCH MATTERS.

Date: 12-05-90 - New Revised, Supersedes: 06-21-89
 Date Printed: 01-06-91

Inquiries regarding MSDS should be directed to:
 Texaco Inc.
 Manager, Product Safety
 P.O. Box 509
 Beacon, N.Y. 12508

PLEASE SEE NEXT PAGE FOR PRODUCT LABEL



PRODUCT CODE: 01658
 PRODUCT NAME: RANDO OIL HD 46

Date issued: 12/05/90
 Supersedes: 06/21/89

9. PHYSICAL AND CHEMICAL PROPERTIES (CONT)

pH of undiluted product: N.A. Solubility in Water: N.D.
 Vapor Pressure: N.D. mmhg Other: -
 Viscosity: 44.25 cSt @ 40°C

10. STABILITY AND REACTIVITY

This Material Reacts Violently With: (If others is checked below, see comments for details)
 Air Water Heat Strong Oxidizers Others None of These
 - - - Y - -

Comments:
 None

Products Evolved When Subjected to Heat or Combustion:
 Toxic levels of carbon monoxide, carbon dioxide, irritating aldehydes and ketones.

Hazardous Polymerizations: OCCUR DO NOT OCCUR
 - X

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION (ANIMAL TOXICITY DATA)

Median Lethal Dose (LD50 LC50) (Species)
 Oral: Similar product >22.4 g/kg (rat); practically nontoxic
 Inhalation: N.D.
 Dermal: Similar product >3.0 g/kg (rabbit); practically nontoxic
 Irritation Index, Estimation of Irritation (Species)
 Skin: Similar product 0.79/8.0 (rabbit); slightly irritating
 Eyes: Similar product 8.0/110 (rabbit); no appreciable effect
 Sensitization: N.D.
 Other:
 None

12. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS

This product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixtures, processes, etc. may render the resulting materials hazardous.

REMARKS
 None

13. TRANSPORT INFORMATION

TRANSPORTATION

DOT: PROPER SHIPPING NAME: N.D.
 IMDG: PROPER SHIPPING NAME: N.D.
 IATA: PROPER SHIPPING NAME: N.D.
 TDG: PROPER SHIPPING NAME: N.D.



PRODUCT CODE: 01658
PRODUCT NAME: RANDO OIL HD 46

Date Issued: 12/05/90
Supersedes: 06/21/89

5. FIRE-FIGHTING MEASURES

Ignition Temp. Degrees F.: N.D. Flash Point Degrees F. (Method): 400 °F (COC)
Flammable Limits (%) Lower: N.D. Upper: N.D.

Recommended Fire Extinguishing Agents And Special Procedures:
According to NFPA Guide, use water spray, dry chemical, foam, or carbon dioxide. Water or foam may cause frothing. Use water to cool fire-exposed containers. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for persons attempting to stop the leak.

Unusual or Explosive Hazards:
None

6. ACCIDENTAL RELEASE MEASURES (Transportation Spills Call: CHEMTREC (800) 424-9300)

Procedures in Case of Accidental Release, Breakage or Leakage:
Ventilate area. Avoid breathing vapor. Use self-contained breathing apparatus or supplied air for large spills or confined areas. Contain spill if possible. Wipe up or absorb on suitable material and shovel up. Prevent entry into sewers and waterways. Avoid contact with skin, eyes or clothing.

7. HANDLING AND STORAGE

Precautions to be Taken in Handling and Storage:
Minimum feasible handling temperatures should be maintained. Periods of exposure to high temperatures should be minimized. Water contamination should be avoided.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment (Type)

Eye/Face Protection:

Chemical-type goggles or face shield recommended to prevent eye contact.

Skin Protection:

Workers should wash exposed skin several times daily with soap and water. Soiled work clothing should be laundered or dry-cleaned at least once a week.

Respiratory Protection:

Airborne concentrations should be kept to lowest levels possible. If vapor, mist or dust is generated, use respirator approved by MSHA or NIOSH as appropriate. Supplied air respiratory protection should be used for cleaning large spills or upon entry into tanks, vessels, or other confined spaces. See below for applicable permissible concentrations.

Ventilation:

Adequate to meet component occupational exposure limits (see Section 2).

Exposure Limit for Total Product:

None established for this product; refer to Section 2 for component permissible concentration.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: pale liquid
Boiling Point (Degrees F.): N.D.
Specific Gravity: 0.8735 (H2O=1)

Percent VOC: 100
Vapor Density: N.D.

Air=1

Page: 3

N.D. - Not Determined
< - Less Than

N.A. - Not Applicable
> - Greater Than

N.T. - Not Tested



Date Issued: 12/05/90
 Supercedes: 06/21/89

TEXACO
 MATERIAL SAFETY DATA SHEET

NOTE: Read and understand Material Safety Data Sheet before handling or disposing of product

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MATERIAL IDENTITY

Product Code and Name:
 01658 RANDO OIL HD 46

Chemical Name and/or Family or Description:
 Hydraulic Oils

Manufacturer's Name and Address:
 Texaco Lubricants Co. Div of TRMI
 P.O. Box 52332 Houston, TX 77052

Telephone Numbers:

TRANSPORTATION EMERGENCY Company: (914) 831-3400 CHEMTREC: (800) 424-9300
 HEALTH EMERGENCY Company: (914) 831-3400
 GENERAL MSDS ASSISTANCE (914) 838-7204
 TECHNICAL INFORMATION Fuels: (914) 838-7336; Lubricants/Antifreezes: (914) 838-7509
 Chemicals: (512) 459-6543

2. COMPOSITION/INFORMATION ON INGREDIENTS

Product and/or Component(s) Carcinogenic According to: OSHA IARC NTP OTHER NONE
 - - - - X

Composition:

| Chemical/Common Name | CAS No. | Exposure Limit | Range in % |
|--|----------|--|---------------|
| Solvent-dewaxed heavy paraffinic petroleum distillates | 64742650 | 5mg/m3 OSHA (MIST) 5mg/m3 ACGIH (MIST) 10mg/m3 STEL (MIST) | 95.00 - 99.99 |

Product is non-hazardous according to OSHA (1910.1200).

3. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

Appearance and Odor: pale liquid

WARNING STATEMENT

NONE CONSIDERED NECESSARY

| | | | |
|-----------------|---------------|-----------------|---------------|
| HMIS | | NFPA | |
| Health: 0 | Reactivity: 0 | Health: 0 | Reactivity: 0 |
| Flammability: 1 | Special: - | Flammability: 1 | Special: - |

POTENTIAL HEALTH EFFECTS

Primary Route of Exposure: EYE SKIN INHALATION INGESTION
 X X X -
 Effects of Overexposure

Acute
 Eyes:

May cause minimal irritation, experienced as temporary discomfort.

Skin:

No adverse effects expected from absorption of material through the skin.

Brief contact is not irritating. Prolonged contact, as with clothing wetted with material, may cause defatting of skin or irritation, seen as local redness with possible mild discomfort.