

\_\_\_\_ Registered Agent for  
[Participating Company]  
[Participating Company's address]  
Dated: \_\_\_\_\_  
U.S. EPA \_\_\_\_\_

## Sample Summary of Findings

**Annex C—Leak Rate Calculation Sheet for each Appliance—Sample**

Marvy Bread/Plant 4. The Appliance  
Serial Number 456789 containing 350  
pounds full charge of R-22.

The leak rate is calculated by dividing  
the number of pounds added by the full  
charge [here 350 pounds].

Then multiply that number by 365  
days.

Then divide that number by days  
since the last add.

Multiply that number by 100 to  
express it as a percentage, if over 35%.

Date	lbs added	days since last add	Leak rate (percent)	Comments
10/28/00 .....	112	base	.....	
2/20/01 .....	60	115	54	
2/27/01 .....	14	7	.....	
5/31/01 .....	30	93	33	
6/18/01 .....	166	18	961	
12/3/01 .....	100	168	62	
Total pounds added since high leak rate = 310 pounds × \$20 per pound = \$6200, the "per pound" penalty.				

Technician Certifications for two  
technicians, Joe Jones and Sam Spade,  
at Plant 4 were missing.

Those certifications are now on file.

Service records before September  
2000 were missing.

**Sample Penalty Calculation**

Marvy Bread Plant 4 The Appliance  
Serial Number 456789 containing 350  
pounds full charge of R-22.

Per pound penalty: \$6,200—waived as  
this machine is being converted to non-  
ODS.

Per appliance penalty: 10,000.

Total Penalty: 10,000.

**Sample Plans and Other Conditions**

Beanie Bread agrees to convert the  
Bun Mixer at Plant 4, Serial Number  
45678, to a non-ODS system.

Completion date: July 30, 2004.

Beanie Bread agrees to develop a  
computer based recordkeeping program  
to ensure that complete and accurate  
records are retained as required.

Completion date: September 30, 2003.

[FR Doc. 01-30459 Filed 12-7-01; 8:45 am]

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**ENVIRONMENTAL PROTECTION  
AGENCY**

[FRL-7115-1]

**Notice of Availability of the Draft  
Supplemental Guidance for Dermal  
Risk Assessment, Risk Assessment  
Guidance for Superfund, Volume I,  
Part E**

**AGENCY:** Environmental Protection  
Agency.

**ACTION:** Notice of availability, request  
for comment, request for data.

**SUMMARY:** The U.S. Environmental  
Protection Agency (EPA) has developed  
and is requesting public comment on a  
draft Risk Assessment Guidance for  
Superfund: Volume I Human Health  
Evaluation Manual (Part E,  
Supplemental Guidance for Dermal Risk  
Assessment) (RAGS Part E). EPA is also  
requesting data pertinent to reducing  
the uncertainty and variability in  
assessing the risks from dermal  
exposure. RAGS Part E is available  
electronically on the Internet at [http://  
www.epa.gov/superfund/programs/risk/  
ragse/index.htm](http://www.epa.gov/superfund/programs/risk/ragse/index.htm). This guidance is  
intended to assist risk assessors and  
others in addressing concerns resulting  
from the evaluation of dermal exposure  
risk assessment pathways. It proposes a  
consistent methodology for assessing  
the exposures from the dermal pathway  
for Superfund human health risk  
assessments. It incorporates and updates  
principles of the EPA (1992) interim  
report, "*Dermal Exposure Assessment:  
Principles and Applications*".

**DATES:** You may submit comments and  
data until February 8, 2002. Comments  
received after that date may be  
considered to the extent feasible.

**ADDRESSES:** You are invited to submit  
written comments and data to: EPA,  
Superfund Docket RAGS Part E, Mail  
Code 5202G, 1200 Pennsylvania Ave,  
NW., Washington, DC 20460. For cost  
savings the draft RAGS Part E document  
is available electronically on the  
Internet at [http://www.epa.gov/  
superfund/programs/risk/ragse/  
index.htm](http://www.epa.gov/superfund/programs/risk/ragse/index.htm). EPA plans to print the  
document only after it is finalized. The  
Superfund Docket, containing the RAGS  
Part E document and public comments,  
is physically located at 1235 Jefferson  
Davis Highway, Arlington, Virginia.

Appointments to review the docket can  
be made by calling (703) 603-9232.

**FOR FURTHER INFORMATION CONTACT:**

Contact the RCRA/Superfund Call  
Center at (800) 424-9346; from the  
Washington, DC, metropolitan area call  
(703) 412-9810. The  
Telecommunications Device for the Deaf  
(TDD) number is (800) 553-7672; from  
the Washington, DC, metropolitan area  
the number is (703) 412-3323. For  
technical inquiries, you may contact Lee  
Hofmann, Office of Solid Waste and  
Emergency Response, Mail Code 5101,  
U.S. Environmental Protection Agency,  
1200 Pennsylvania Ave., NW.,  
Washington, DC 20460; telephone  
number 202-260-2230, email  
[hofmann.lee@epa.gov](mailto:hofmann.lee@epa.gov).

**SUPPLEMENTARY INFORMATION:****Background**

In January 1992, the Office of Health  
and Environmental Assessment (OHEA),  
in the Office of Research and  
Development (ORD) of the U.S.  
Environmental Protection Agency (EPA)  
issued an interim report, *Dermal  
Exposure Assessment: Principles and  
Applications* (DEA). The DEA provided  
guidance for conducting dermal  
exposure assessments and was peer-  
reviewed by EPA's Science Advisory  
Board. A Workgroup was subsequently  
formed to develop guidance for  
Superfund based on the DEA. In August  
1992, a draft Superfund Interim Dermal  
Risk Assessment Guidance was  
circulated for comment but was never  
issued. This current guidance  
supersedes the 1992 Superfund  
document.

This 2001 Superfund RAGS Part E,  
Supplemental Guidance for Dermal Risk  
Assessment (RAGS Part E) is the result  
of Superfund RAGS Part E Workgroup

meetings from FY 95 through FY 01 on issues associated with the characterization of risk resulting from the dermal exposure pathway. RAGS Part E updates recommendations presented in the DEA, and incorporates additional information from the *Exposure Factors Handbook* (U.S. EPA, 1997a) and scientific literature, as cited. Users of this guidance are strongly encouraged to review and understand the material presented in the DEA. This guidance is considered interim, pending release of any update to the DEA from ORD. As more data become available, RAGS Part E may be updated.

This Supplemental Guidance for Dermal Risk Assessment (RAGS Part E) has undergone external peer review in January 1998 and in February 2000. Also, EPA's Risk Assessment Forum conducted a Peer Consultation Workshop on this document in December 1998.

### Elements of the RAGS Part E Approach

Risk Assessment Guidance for Superfund: Volume I—Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment) (RAGS Part E) is structured to be consistent with the four steps of the Superfund risk assessment process: hazard identification, exposure assessment, toxicity assessment, and risk characterization. RAGS Part E is organized into six chapters and four appendices. To provide an indication of the scope of the document, we have included the Table of Contents below:

- 1.0 Introduction and Flowchart
  - 1.1 Introduction
  - 1.2 Organization of Document
  - 1.3 Flowcharts
- 2.0 Hazard Identification
  - 2.1 Choosing Contaminants of Concern for the Dermal-water Pathway
  - 2.2 Choosing Contaminants of Concern for the Dermal-soil Pathway
- 3.0 Exposure Assessment
  - 3.1 Estimation of Dermal Exposures to Chemicals in Water
    - 3.1.1 Standard Equation for Dermal Contact with Chemicals in Water
    - 3.1.2 Exposure Parameters
      - Permeability coefficient for compounds in water ( $K_p$  in cm/hr)
      - Chemical concentration in water
      - Skin surface area
  - 3.2 Estimation of Dermal Exposure to Chemicals in Soil
    - 3.2.1 Standard Equation for Dermal Contact with Chemicals in Soil
    - 3.2.2 Exposure Parameters
      - Skin Surface Area
      - Soil-to-Skin Adherence Factors
      - Recommended Soil Adherence Factors
      - Dermal Absorption Fraction from Soil
      - Age-adjusted Dermal Factor
      - Event Time, Exposure Frequency and Duration
  - 3.3 Estimation of Dermal Exposure to Chemicals in Sediment
- 4.0 Toxicity Assessment
  - 4.1 Principles of Route-to-route Extrapolation
  - 4.2 Adjustment of Toxicity Factors
  - 4.3 Calculation of Absorbed Toxicity Values
  - 4.4 Direct Toxicity
- 5.0 Risk Characterization
  - 5.1 Quantitative Risk Evaluation
    - 5.1.1 Risk Calculations
    - 5.1.2 Risks for All Routes of Exposure
  - 5.2 Uncertainty Assessment
    - 5.2.1 Hazard Identification
    - 5.2.2 Exposure Assessment
      - Dermal Exposure to Water—
      - Uncertainties Associated with the Model for  $DA_{event}$
      - Dermal Exposure to Soil
    - 5.2.3 Toxicity Assessment
    - 5.2.4 Risk Characterization
- 6.0 Conclusions/Recommendations
  - 6.1 Summary
  - 6.2 Exposures Not Included in Current Dermal Guidance
  - 6.3 Recommendations
- 7.0 References

- Appendix A: Water Pathway
  - A.1 Dermal Absorption Model
    - A.1.1 Calculation of Parameters in  $DA_{event}$
    - A.1.2 Model Validation
  - A.2 Estimation of  $K_p$  for Organic Compounds
  - A.3 Estimation of  $K_p$  for Inorganic and Ionized Organic Compounds
  - A.4 Uncertainty Analysis
  - A.5 Screening Procedure for Chemicals in Water
  - A.6 Procedures for Calculating Dermal Dose
    - A.6.1 Stepwise Procedure for Calculating Dermal Dose Using Given Equations
    - A.6.2 Stepwise Procedure for Calculating Dermal Dose Using Spreadsheets
- Appendix B: Screening Tables and Reference Values for The Water Pathway
  - Table B.1: Flynn Data Set
  - Table B.2: Predicted  $K_p$  for 200's Organic Contaminants In Water

- Table B.3: Calculation of Dermal Absorbed Dose for Organic Chemicals in Water
- Table B.4: Calculation of Dermal Absorbed Dose for Inorganic Chemicals in Water

### Appendix C: Soil Pathway

### Appendix D: Sample Calculations

RAGS Part E focuses on dermal contact with soil and water, and it does not provide guidance on quantifying dermal absorption of chemicals resulting from exposure to vapors. The Superfund RAGS Part E Workgroup agreed with the finding in the DEA report that many chemicals, with low vapor pressure and low environmental concentrations, cannot achieve adequate vapor concentration to pose a dermal exposure hazard. For chemicals with the potential to achieve adequate vapor concentrations, this guidance assumes that they are primarily absorbed through the respiratory tract.

### Goals

EPA welcomes feedback on this draft RAGS Part E document. EPA is seeking public comment at this time in order to ensure hearing the widest range of views and obtaining all information relevant to the development of policy. In addition, EPA is soliciting data pertinent to reducing uncertainty and variability in assessing risks from dermal exposure. EPA will review public comments received on the draft RAGS Part E document and will make appropriate changes in the document. EPA expects to respond in a summarized manner to the principal comments received on the draft RAGS Part E document as a matter of public information.

Dated: November 30, 2001.

**Michael H. Shapiro,**

*Principal Deputy Assistant Administrator, Office of Solid Waste and Emergency Response.*

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**BILLING CODE 6560–50–P**

## FEDERAL COMMUNICATIONS COMMISSION

### Sunshine Act Meeting; Open Commission Meeting Wednesday, December 12, 2001

The Federal Communications Commission will hold an Open Meeting on the subjects listed below on Wednesday, December 12, 2001, which is scheduled to commence at 9:30 a.m. in Room TW–C305, at 445 12th Street, SW., Washington, DC.

Item No.	Bureau	Subject
1 .....	Common Carrier .....	Title: Development of a Regulatory Framework for Incumbent LEC Broadband Services; and SBC Petition for Expedited Ruling That it is Non-Dominant in its Provision of Advanced Services and for Forbearance from Dominant Carrier Regulation of Those Services. Summary: The Commission will consider a Notice of Proposed Rule Making initiating a comprehensive examination of the appropriate regulatory framework for incumbent LECs' provision of broadband services. As part of this proceeding, the Commission also invites comment on the petition filed by SBC Communications, Inc.