



U.S. Department
of Transportation

**Research and
Special Programs
Administration**

400 Seventh Street, S.W.
Washington, D.C. 20590

FEB 26 1998

Mr. Kurt Swart
Health & Safety Manager
ROMIC Environmental Technologies Corp.
2081 Bay Road
East Palo Alto, CA 94303-1316

Dear Mr. Swart:

This is in response to your letter dated December 22, 1997, regarding reportable quantities for Resource Conservation and Recovery Act (RCRA) wastes under the Hazardous Materials Regulations (HMR; 49 CFR Parts 171-180). Specifically, you ask whether the RQ for the EPA waste number supersedes the RQ for the individual constituent.

The appropriate RQ for a hazardous waste depends on the amount of information available on the waste stream including the constituents of the waste stream and their respective concentrations. If the constituent and its concentration in the waste stream are known, then the RQ for the constituent is appropriate. For example, Pyridine has an RQ of 1000 lbs (454 kg). If Pyridine is the only constituent and its concentration in a mixture or solution is known, then the RQ for Pyridine is appropriate. However, if the waste's constituent or its respective concentration is unknown, then the appropriate RQ is that which is assigned to the waste stream. For example, the reportable quantity for a waste stream described under F005, and which contains Toluene in an unknown concentration, is 100 lbs (45.4 kg).

I hope this answers your inquiry. If we can be of further assistance, please do not hesitate to contact us.

Sincerely,

Delmer F. Billings
Chief, Standards Development
Office of Hazardous Materials Standards



FAX - 202-366-8700 / Phone - 800-467-4922

December 22, 1997

Ed Mazzullo (DMH-10)
 Director of Office of Hazardous Materials Standards
 U.S. Department of Transportation / RSPA
 400 7th Street SW
 Washington, D.C. 20590-0001

RE: Applicability of Reportable Quantities

Dear Mr. Mazzullo,

On November 4, 1997, Romic Environmental FAXed the enclosed letter regarding the applicability of DOT reportable quantities. We are anxiously awaiting DOT's response.

However, the RQ questions posed in our November 4th letter used the hazardous waste constituent Xylene in the examples. The RQ for Xylene is now 100 pounds; thus, Xylene is no longer a valid constituent for the examples. Romic requests that when responding to the RQ questions to now consider Pyridine as follows:

A generator is planning to ship the following RCRA Hazardous Waste mixtures that have been classified with the following EPA waste numbers. Regardless of the container size and concentrations specified by the definition of "Hazardous Substance" found in 49 CFR 171.8, which RQ's must be considered? In other words, does the RQ for the EPA waste number supersede the RQ for the individual constituent?

CONSTITUENT	EPA WASTE NUMBER	RQ
Pyridine	D001	100 Pounds
Pyridine	F005	100 Pounds
Pyridine	The Constituent Itself	1,000 Pounds
Pyridine	None	None

Please note in the next example that Isopropanol does not have an RQ when it is a Hazardous Material, but does have an RQ of 100 pounds when it is a Hazardous Waste. Which RQ applies?

CONSTITUENT	EPA WASTE NUMBER	RQ
Pyridine	D001	100 Pounds
Pyridine	F005	100 Pounds
Pyridine	The Constituent Itself	1,000 Pounds
Isopropanol	D001	100 Pounds
Isopropanol	The Constituent Itself	None

If you have any questions, please contact me at 415-462-2390.

Sincerely,

Kurt Swart
 Environmental,
 Health & Safety Manager

Recycling, Lab Packing, Field Services, Consulting

2081 Bay Road • East Palo Alto, CA 94303-1316 • Tel: (415) 324-1638

*Follow up
 Polydore's*

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 Director of Office of Hazardous Materials Standards
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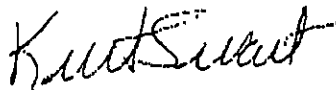
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Pyridine	F005	100 Pounds
Pyridine	The Constituent Itself	1,000 Pounds
Pyridine	None	None

Please note in the next example that Isopropanol does not have an RQ when it is a Hazardous Material, but does have an RQ of 100 pounds when it is a Hazardous Waste. Which RQ applies?

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Pyridine	D001	100 Pounds
Pyridine	F005	100 Pounds
Pyridine	The Constituent Itself	1,000 Pounds
Isopropanol	D001	100 Pounds
Isopropanol	The Constituent Itself	None

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 Printed on recycled paper

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November 4, 1997

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 Director of Office of Hazardous Materials Standards
 U.S. Department of Transportation / RSPA
 400 7th Street SW
 Washington, D.C. 20590-0001

RE: Applicability of Reportable Quantities

Dear Mr. Mazzullo,

Romic Environmental has an enforcement question regarding DOT reportable quantities. We contacted the DOT Hotline at 800-467-4922 and they suggested that we put our questions in writing to you.

A generator is planning to ship the following RCRA Hazardous Waste mixtures that have been classified with the following EPA waste numbers. Regardless of the container size and concentrations specified by the definition of "Hazardous Substance" found in 49 CFR 171.8, which RQ's must be considered? In other words, does the RQ for the EPA waste number supersede the RQ for the individual constituent?

CONSTITUENT	EPA WASTE NUMBER	RQ
Xylene	D001	100 Pounds
Xylene	F003	100 Pounds
Xylene	The Constituent Itself	1,000 Pounds
Water	None	None

Please note in the next example that Isopropanol does not have an RQ when it is a Hazardous Material, but does have an RQ of 100 pounds when it is a Hazardous Waste.

CONSTITUENT	EPA WASTE NUMBER	RQ
Xylene	D001	100 Pounds
Xylene	F003	100 Pounds
Xylene	The Constituent Itself	1,000 Pounds
Isopropanol	D001	100 Pounds
Isopropanol	The Constituent Itself	None
Water	None	None

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