



U.S. Department
of Transportation

**Research and
Special Programs
Administration**

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

JUN 14 2000

Mr. Philip Abraham
Huntsman Corporation
Room 501
3040 Post Oak Blvd.
Houston, TX 77056

Ref. No. 00-0096

Dear Mr. Abraham:

This is in response to your letter dated March 30, 2000, regarding determination of a proper shipping name under the Hazardous Materials Regulations (HMR; 49 CFR Parts 171-180). Specifically, you ask whether "Amines, liquid, corrosive, flammable, n.o.s. (Technical name), 8, UN 2734, PG II" is the most appropriate shipping description for an amine that meets the HMR criteria for Class 8 Packing Group II, Class 3 Packing Group III, and Division 6.1 Packing Group III?

The answer is yes. Section 172.101(c)(12)(iii) states that if the material meets the definition of more than one hazard class and is not identified specifically by name in the Hazardous Materials Table, then the hazard class of the material shall be determined by using the precedence specified in § 173.2a. In your scenario, Class 8 Packing Group II takes precedence followed by Class 3 Packing Group III, then Division 6.1 Packing Group III. Therefore, the proper shipping description for the hazardous material is "Amines, liquid, corrosive, flammable, n.o.s. (Technical name), 8, UN 2734, PG II." In addition, subsidiary hazard class or division numbers may be entered following the numerical hazard class, or following the basic description (§ 172.202(a)(2)).

Section 172.203(m) states that if a material meets the definition of Division 6.1, Packing Group I or II, and the fact that it is toxic is not disclosed in the shipping name or class entry, then the word "Poison" or "Toxic" shall be entered on the shipping paper in association with the shipping



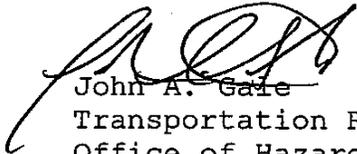
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description. Therefore, the term "Poison" or "Toxic" does not have to be included in the proper shipping description for a material that meets the definition for Division 6.1 Packing Group III. However, § 172.402(a)(2) states that for a material meeting Division 6.1 (regardless of the packing group), a POISON hazard label is required in addition to any other required labels.

I hope this satisfies your request.

Sincerely,



John A. Gale
Transportation Regulations Specialist
Office of Hazardous Materials Standards

BAH
172.203
00-0096

Philip Abraham
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March 30, 2000

Mr. Edward Mazzullo
US DOT RSPA
Office of Hazardous Materials Standards
400 7th Street SW
Washington D.C., 20590

Dear Mr. Edward Mazzullo:

We have to ship a liquid product in drums which is Corrosive (8 - PG II) as the Primary hazard and Flammable (3 - PG III) and Oral or Dermal Toxic (6.1 - PG III, not a PIH) as the Subsidiary hazards. In the Hazardous Material Table (HMT) 172.101 there is a generic Proper Shipping Name (PSN) listing - "Flammable liquid, toxic, corrosive, n.o.s.". However, we need additional PSN's listed in the HMT - Corrosive liquid, flammable, toxic, n.o.s and Amines, liquid, corrosive, flammable, toxic, n.o.s.

- 1) - Currently for the product, we are using a product specific PSN - "Amines, liquid, corrosive, flammable, n.o.s. (Technical name), 8, 3, UN 2734 PGII. However, the Toxic Hazard is not covered in such a description. How do we ship this product in compliance with DOT? Such a PSN is not listed in the HMT? Are we required to add the toxic hazard label? What would be the PSN that we would use, to ship this product in DOT compliance, which includes Corrosive as the primary hazard, Flammable and Toxic as the subsidiary hazards?
- 2) - What is the procedure to find the precedence of hazards when there is more than two hazards for a product?

Please respond to this as soon as you can - we have a shipment due out very soon of this product, and we want to be DOT compliant in regards to shipping this product.

Thank You

Sincerely,



Philip Abraham, Tel. # 713 235 6025