



Catalysts BY EVONIK

Handling Procedures for Activated Metal Catalysts (AMC)

AMC Transportation and Recycling

Evonik is offering its customers a recycling service for the spent catalyst through a reliable and professional partner that specializes in the recovery of base metals from AMC. Interested customers should please contact their local Evonik representative.

The shipment of spent catalyst and the recovery of metal require a material safety data sheet (MSDS), a packing list, and a commercial invoice stating the value of this material for customs clearance.

According to the EC shipment of waste regulations and OECD Regulations GC 060, AMC can be classified as a Green List waste, however it is the customer's obligation to classify the spent catalyst as specified in the regulations. As per the regulations, no prior approval is required from the authorities for the shipment of Green List waste.

According to the International Maritime Dangerous Goods Code (IMDG) Class 4.2 and UN 1378, AMC should be classified for shipment as Class 4.2, UN 1378 which refers to spontaneously combustible wetted metal catalyst. The catalyst should be packed in steel drums having self-ventilating devices and Class 4 labels. Class 4 labels should also be applied to each side of the ocean going container.

Prior to shipment, the catalyst should be stored in warehouses licensed to store hazardous waste. Upon analysis, the customer will receive cash for the useable part of metal in dry weight based on that day's London Metal exchange quotation.



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