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MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Department of Chemistry

5.33 Advanced Chemical Experimentation

(Courtesy of Dr. Mircea Gheorghiu. Used with permission.)

Experiment # 4: Nitrogen Scission by a Molybdenum (III) *tris*-amide Complex

Waste Inventory Sheet

Description (Content)	Approximate amount	Disposition
Diacetone alcohol		
Acetic anhydride		
HBF ₄		
<i>t</i> -butylamine		
MoCl ₅		
acetonitrile		
tetrahydrofuran		
tin		
methylene chloride		
petroleum ether		
methanol		
butyllithium		
diethyl ether		
toluene		

Suggestions For Waste Reduction:

Name: _____ Partner: _____ Lab Group _____

T.A. Initials: _____