

Chem 100
Week 2, Experiment 1

Review these material safety data sheets (MSDS) before coming to lab:

Chemical	MSDS Link
ammonium chloride	ammonium chloride 100% 12125-02-9
calcium chloride dihydrate	calcium chloride dihydrate 100% 10035-04-8
calcium, turnings	calcium 100% 7440-70-2
iron, solid	iron, powder 100% 7439-89-6
copper(II) sulfate (0.1M)	copper(II) sulfate 0.1M 100% 7758-99-8
sodium bicarbonate	sodium bicarbonate 100% 144-55-8
sucrose, powdered	sucrose 100% 57-50-1
ammonium hydroxide (6M, 23.4%)	ammonium hydroxide 27%-31% 7664-41-7
nitric acid (65%)	nitric acid 65% 7697-37-2
sulfuric acid (95-98%)	sulfuric acid 95%-98% 7664-93-9
denatured ethanol	ethanol 95.5% 64-17-5, methanol 0%-4.5% 67-56-1, 2-propanol 0%-5% 67-63-0
ammonium nitrate	ammonium nitrate 100% 6484-52-2
zinc, powder	zinc, powder 100% 7440-66-6

New Jersey Right to Know (NJRTK) requires that this information on hazardous substance fact sheets (HSFS) be made available:

Chemical	NJRTK HSFS Link
ammonium chloride	http://nj.gov/health/eoh/rtkweb/documents/fs/0093.pdf
calcium chloride	n/a
calcium	http://nj.gov/health/eoh/rtkweb/documents/fs/0309.pdf
iron	n/a
copper(II) sulfate	n/a
sodium bicarbonate	n/a
sucrose	n/a
ammonium hydroxide	http://nj.gov/health/eoh/rtkweb/documents/fs/0103.pdf
nitric acid	http://nj.gov/health/eoh/rtkweb/documents/fs/1356.pdf

sulfuric acid
ethanol
methanol
Isopropanol
ammonium nitrate
zinc

<http://nj.gov/health/eoh/rtkweb/documents/fs/1761.pdf>

Note: ethanol 64-17-5 only, see also methanol and isopropyl alcohol HSFS

Note: methanol 67-56-1 only

Note: 2-propanol 67-63-0 only

<http://nj.gov/health/eoh/rtkweb/documents/fs/0106.pdf>

<http://nj.gov/health/eoh/rtkweb/documents/fs/2021.pdf>