

Twin Rivers Unified School District Hazardous Communication Plan

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**Prepared by:
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Site Information

School address:	
District address:	3222 Winona Way North Highlands, CA 95660
Hazard Communication contact:	Brittany Smith (916) 566-1600 ext. 36254

Hazard Communication Elements

To enhance our employees' health and safety, our district has developed, implemented and maintains a hazard communication program as required by the Hazard Communication Regulations (Title 8, CCR 5194). The Hazard Communication contact listed above has full authority and responsibility for implementing and maintaining this program. We provide information about the hazardous substances in our workplace, the associated hazards, and the control of these hazards through a comprehensive hazard communication program that includes the elements listed below.

1. List of hazardous substances

This plan will include a current inventory list of all known hazardous substances present in our workplace. Specific information on each noted hazardous substance can be obtained by reviewing the Safety Data Sheet (SDS).

2. Proposition 65 list of chemicals

The Hazard Communication contact is responsible for obtaining updates of Proposition 65 listed chemicals and providing information to affected employees. In the case of newly added chemicals to the Proposition 65 list, warning requirements take effect 12 months from the date of listing.

3. Safety Data Sheets (SDS)

The Hazard Communication contact is responsible for obtaining the SDSs, reviewing them for completeness, and maintaining the data sheet system for our district/school. In the review of incoming data sheets, if new and significant health/safety information becomes available, this new information is passed on immediately to the affected employees by additional training sessions, posting of memos and other means of communication.

Legible SDS copies for all hazardous substances to which employees of this district/school may be exposed are kept in the Main Office at each school site. SDSs are readily available for review to all employees in their work area and during each work shift. If SDSs are missing or new hazardous substance(s) in use do not have SDSs, or if a SDS is obviously incomplete, please contact the Hazard Communication contact listed above immediately and a new SDS will be requested from the manufacturer. If we are unable to obtain the SDS from the vendor within 25 calendar days of the request, we will either call our local Cal/OSHA compliance office or write to:

Division of Occupational Safety and Health
Deputy Chief of Health and Engineering Services
P.O. Box 420603
San Francisco, CA 94142-0603

4. Labels and Other Forms of Warning

Before hazardous substance containers are released to the work area, it is the policy of our district that the Hazard Communication contact will verify that all primary and secondary containers are labeled as follows:

Label Information	Primary Container	Secondary Container
Identity of the hazardous substance(s)	X	X
Applicable hazard and precautionary statements	X	X
Applicable signal word	X	X
Applicable hazard symbols/pictograms	X	X
Name and address of the manufacturer	X	

To address exposures to Proposition 65 chemicals, the Hazard Communication contact will provide clear and reasonable warnings to individuals prior to exposure by means of posting signs conspicuously, labeling consumer products, and training employees.

If applicable, the Hazard Communication contact will arrange for labels, signs and other warnings to be printed in other languages.

Employee Information and Training

Employees are to attend a health and safety training session set up by the Hazard Communication contact prior to starting work. This training session will provide information on the following:

- The requirements of the hazard communication regulation, including the employees' rights under the regulation.
- The location and availability of the written hazard communication program.
- Any operation in their work area, including non-routine tasks, where hazardous substances or Proposition 65 carcinogens/reproductive toxins are present, and exposures are likely to occur.

- Methods and observation techniques used to determine the presence or release of hazardous substances in the work area.
- Protective practices the district has taken to minimize or prevent exposures to these substances.
- How to read labels and review SDSs to obtain hazard information.
- Physical and health effects of the hazardous substances.
- Symptoms of overexposure.
- Measures employees need to put into practice to reduce or prevent exposure to these hazardous substances by engineering controls, work practices and use of personal protective equipment. Emergency and first-aid procedures to follow if employees are exposed to hazardous substances.
- The location and interpretation, if needed, of warning signs or placards to communicate that a chemical known to cause cancer or reproductive toxicity is used in the workplace.

Employees will receive additional training when a new hazard is introduced into the workplace.

5. Hazardous Non-routine Tasks

In the event our employees are required to perform hazardous non-routine tasks, affected employees will be given information by their supervisor on hazards to which they may be exposed prior to starting on the project.

This information will cover:

- Specific hazards
- Measures the district has taken to reduce the risk of these hazards, such as providing ventilation, ensuring the presence of another employee, providing a respiratory protection program, and establishing emergency procedures.
- Required protective/safety measures.

6. Informing Contractors

To ensure that outside contractors work safely at our site and to protect our employees from chemicals used by outside contractors, the Hazard Communication contact is responsible for giving and receiving the following information from contractors:

- Hazardous substances, including Proposition 65 chemicals, to which they may be exposed while on the job site as well as substances they will be bringing into the workplace. To this end, we will provide contractors with information on our labeling system and access to SDSs.
- Precautions and protective measures the employees may take to minimize the possibility of exposure.

If anyone has questions about this plan, please contact the Hazard Communication contact. Our plan will be maintained by the Hazard Communication contact to ensure that the policies are carried out and the plan is effective.

Hazardous Substance Inventory

Hazardous Substance	Operation/ Work Area	SDS Location
alizarin yellow R	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
alkaline potassium iodide azide	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
aluminum	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
aluminum nitrate 0.1M	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
ammonia soln	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
ammonium dichromate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
ammonium hydroxide	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
ammonium nitrate 0.5M	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
ammonium sulfate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
barium chloride 0.1M	Classroom Science	Located in Science Lab at each school site with School

		Site Science Department Head
barium hydroxide	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
barium nitrate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
barium peroxide anhydrous	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
Benedict's Qualitative Soln	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
benzoic acid	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
betadine soln	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
biuret powder	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
biuret soln	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
boraxo	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
boric acid	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
bromophenol blue	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
bromothymol blue soln	Classroom Science	Located in Science Lab at each school site with School

		Site Science Department Head
calcium chloride	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
calcium hydroxide	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
calcium nitrate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
carmine (alum lake)	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
charcoal	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
chromium	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
citric acid	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
congo red	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
copper	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
copper II chloride	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
copper II nitrate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
copper II sulfate	Classroom Science	Located in Science Lab at each school site with School

		Site Science Department Head
copper sulfate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
Crystal Violet	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
cupric chloride 0.5M	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
cupric sulfide	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
cuprous chloride	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
dextrose	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
dichloroindophenol	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
ferric chloride soln	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
ferric nitrate 1.0M 0.01M	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
ferric sulfate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
ferrous sulfate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
fluorescein	Classroom Science	Located in Science Lab at each school site with School

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gelatin	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
gibberellic acid	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
glucose	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
glycerin	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
HCl acid 6M	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
hydrogen peroxide 3%	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
indigo carmine	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
iron	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
iron II chloride	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
iron II nitrate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
isopropyl alcohol 70%	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
lactic acid	Classroom Science	Located in Science Lab at each school site with School

		Site Science Department Head
lead	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
lead II nitrate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
lead II nitrate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
lead nitrate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
lithium chloride	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
lithium sulfate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
litmus soln	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
Lugol's soln iodine	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
magnesium	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
magnesium nitrate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
magnesium powder	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
magnesium sulfate	Classroom Science	Located in Science Lab at each school site with School

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manganese sulfate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
manganous chloride	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
mercury I nitrate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
methyl alcohol (refrigerated)	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
methyl orange	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
methyl red	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
methylene blue soln	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
methyleneblue chloride	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
nickel	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
nickel sulfate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
ninhydrin reagent powder	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
nitric acid	Classroom Science	Located in Science Lab at each school site with School

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nutrient agar	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
oxalic acid	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
pancreatin	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
phenol red	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
phenolphthalein 1% alcohol soln	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
phosphoric acid	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
potassium chloride	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
potassium chromate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
potassium chromate 0.1M	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
potassium chromate soln	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
potassium dichromate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
potassium ferrocyanide	Classroom Science	Located in Science Lab at each school site with School

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potassium ferrocyanide soln	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
potassium hydroxide	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
potassium iodate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
potassium iodide	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
potassium Iodide	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
potassium Iodide	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
potassium iodide 0.1M	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
potassium iodide soln	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
potassium nitrate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
potassium permanganate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
potassium permanganate 2%soln	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
potassium phosphate	Classroom Science	Located in Science Lab at each school site with School

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potassium sulfate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
potassium sulfate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
potassium thiocyanide	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
quinine sulfate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
Safrinin Soln	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
salicylic acid	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
salol or phenyl salicylate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
silver nitrate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
silver nitrate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
silver nitrate soln	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
sodium bicarbonate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
sodium bromide	Classroom Science	Located in Science Lab at each school site with School

		Site Science Department Head
sodium carbonate 0.1M	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
sodium chlorate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
sodium chloride	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
sodium chromate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
sodium hydroxide	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
sodium hydroxide 0.1M	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
sodium iodide	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
sodium nitrate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
sodium nitrite 1.0M	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
sodium phosphate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
sodium phosphate 0.05M	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
sodium sulfate	Classroom Science	Located in Science Lab at each school site with School

		Site Science Department Head
sodium sulfide	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
starch soln	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
stearic acid	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
steel	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
strontium chloride	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
strontium chloride	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
strontium II nitrate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
sucrose	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
sulfamic acid	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
sulfur	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
sulfuric acid	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
tin	Classroom Science	Located in Science Lab at each school site with School

		Site Science Department Head
toluidine Blue O	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
Tris-Borate-EDTA soln	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
universal indicator soln	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
urea crystals	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
Ward's Dna stain	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
zinc	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
zinc acetate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
zinc chloride	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
zinc II nitrate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
zinc sulfate	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
zinc sulfate 0.1M	Classroom Science	Located in Science Lab at each school site with School Site Science Department Head
ECO-SAN Sanitizer	Nutrition Services	Located in Kitchen at each school site

Ecotemp Ultra Klene	Nutrition Services	Located in Kitchen at each school site
ECOLAB Rinse Dry	Nutrition Services	Located in Kitchen at each school site
Solid Metal Pro Detergent	Nutrition Services	Located in Kitchen at each school site
Grease Express Fast Foam Degreaser	Nutrition Services	Located in Kitchen at each school site
Sysco Reliance Liquid Green Pot & Pan Detergent	Nutrition Services	Located in Kitchen at each school site
PAR-WAY Puricit Stainless Steel Cleaner	Nutrition Services	Located in Kitchen at each school site
Orange Force Multi-Surface Cleaner Degreaser	Nutrition Services	Located in Kitchen at each school site
Lime-A-Way Scale Remover	Nutrition Services	Located in Kitchen at each school site
ECOLAB Glass Force Professional Strength Glass Cleaner	Nutrition Services	Located in Kitchen at each school site
QUAT-TABS	Nutrition Services	Located in Kitchen at each school site
ECOLAB Stainless Steel Cleaner & Polish	Nutrition Services	Located in Kitchen at each school site
S.O.S. Steel Wool Soap Pads	Nutrition Services	Located in Kitchen at each school site
Diamond Wipes Thermometer Probe Wipes	Nutrition Services	Located in Kitchen at each school site
Assurance HD Spray & Wipe	Custodial Operations	Located in front Administrative Office, Custodial Office, or both at each school site
Hillyard Q.T. Plus Disinfectant/Cleaner	Custodial Operations	Located in front Administrative Office, Custodial Office, or both at each school site
Hillyard Super Shine-All Neutral Cleaner	Custodial Operations	Located in front Administrative Office, Custodial Office, or both at each school site
Hillyard Sanitizer	Custodial Operations	Located in front Administrative Office, Custodial Office, or both at each school site
Hillyard Assurance Arsenal 1	Custodial Operations	Located in front Administrative Office, Custodial Office, or both at each school site

Hillyard Top Clean	Custodial Operations	Located in front Administrative Office, Custodial Office, or both at each school site
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