

Hazard Review

- **Eye irritation**
- **Respiratory irritation**

Related Safe Work Practices

- **Hazardous Materials**
- **Hazardous Materials Spill Response**

Personal Protective Equipment

- **Coveralls**
- **Eye protection**
- **Gloves**
- **Long-sleeved shirt & long pants**
- **Respirator**
- **Safety shoes and socks**
- **Waterproof headgear**

Authority

- CCR Title 8 Section 5194
- CRF Title 40 Section 170.9/O-3
- IPM Pesticide Ordinance of the City of San Francisco – C3.9/06

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Under the IPM Ordinance, all chemical pesticides are banned for use on City property, **except** those listed on the San Francisco Reduced Risk Pesticide List (SFRRPL). This list can be found on the EHS Intranet page under the Material Safety Datasheet tab (sfreckpark).

BEFORE

1. Complete required training. This includes:
 - a pesticide worker safety annual training for Recreation and Park staff given by IPM
 - training on this SWP and those listed as related. This must be completed before the initial assignment and every 2 years thereafter.
2. Always read the MSDS before you buy the product, and again before you use it.

3. Always use pesticides as instructed on the label.
4. Never make up more than you will need on that day.
5. Do not mix, store or apply Roundup ProDry Herbicide or spray solutions of this product in galvanized steel or unlined steel (except stainless steel) containers or spray tanks. The product can react with that type of container to produce hydrogen gas that could flash or explode, causing serious personal injury.
6. Make sure that you have the right personal protective equipment on before starting a job including pesticides. See MSDS for more information.

DURING

1. Do not apply pesticides to water or spray where drift will contaminate surface water.
2. Avoid spraying pesticides into the eyes on the skin or on clothing.
3. Never pour pesticides down the drain or any other water drainage system (e.g. sink, toilet, or stormdrain) because of the risk of contaminating water and harming wildlife.
4. In all potentially acute poisoning situations:
 - Notify your supervisor.
 - Call a doctor, the Poison Control Center (800) 876-4766 or 911.
 - Have the label and MSDS of the pesticide/chemical available for emergency personnel.
 - Do not attempt to transport yourself to a medical facility, transportation must be provided to you.
5. For additional information regarding first aid preventative measures, specific scenarios, and or situations around pesticide use, please refer to the MSDS.

AFTER

1. Wash your hands immediately after completing a task or before doing anything, such as: eating, drinking, chewing gum, using the bathroom, or applying sunscreen, skin lotion or makeup.
2. After you have used a pesticide, make sure that the packaging is tightly closed or sealed to avoid spillage.

3. Always store pesticides in their original containers in a safe place, out of reach of children and pets, and where there is an even temperature. Garden sheds and greenhouses are not ideal for storing pesticides as they can get very hot in summer or cold in winter.
4. Pesticide containers that have held concentrated product (i.e. requiring dilution before use) should be rinsed three times adding the washings to the final spray solution.
5. Check the label for any other advice on disposal of the product or empty container.
6. Empty pesticide containers that have held Ready-to-Use product (i.e. trigger sprays) can be disposed of directly into the conventional waste stream. Other empty pesticide containers (e.g. bags and cardboard boxes) can also be disposed of in the conventional waste stream.
7. Do not burn any pesticide packaging.
8. Do not take pesticide or pesticide containers home, its illegal.

References:

1. California Department of Pesticide Regulation "Think Before You Spray, Read All The Labels", 2003: <http://www.cdpr.ca.gov/docs/dept/factshts/think2.pdf>.
2. Pesticide Safety Directorate (PSD) – Using Pesticides, 2007: http://www.pesticides.gov.uk/safe_use.asp?id=1609#Alternatives.
3. 2007 Annual Pesticide Worker Safety Training for San Francisco Rec & Park Staff Packet: Roundup ProDry Herbicide Chemical Abstract: Steven Ash/IPM-PCA Associates, 2007
4. Pesticide Ordinance of the City of San Francisco: Chapter 3.9 City Pesticide Management. October, 1996.

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