



UIC Form U240 – Chemical Use Request

The Nevada Division of Environmental Protection is requiring the following information for any entity seeking approval for chemical use, including chemicals for scale inhibitors, corrosion inhibitors, well rehab or cleaning, cooling towers, water well treatment, etc. (Note: for standard operating procedures using standard industry chemicals approved by Division of Minerals on Class 2 and geothermal wells, this form is not required, however NDEP reserves the right to require for certain situations/chemicals)

1. This form will be returned if all blanks are not completed.
2. Fill out a separate form for each chemical. Attach separate sheets if needed to answer questions.
3. A copy of the approved request shall be maintained in UIC O&M manual or UIC records for as long as the chemical is used.
4. NDEP approval below is only for the action stated on the approved form. Any changes in chemical use, location or amounts must be approved with a new request.

| FACILITY AND PERMIT INFORMATION | |
|---|---|
| 1) UIC Permit No.: | |
| 2) Project/Facility Name: | |
| 3) City/Valley: | 4) County: |
| 5) The water this chemical will come in contact with is: <input type="checkbox"/> Cooling tower water <input type="checkbox"/> Well water <input type="checkbox"/> other: _____ | |
| 6) Discuss where the water which this chemical comes in contact with will be discharged: | |
| 7) List other chemicals used in this water: | |
| CHEMICAL INFORMATION – Note: Chemical information shall be submitted to the Division that clearly states the chemical composition (what’s in it and at what concentration/mass). If the information is not provided, the Division will not approve this chemical. Proprietary information may be submitted confidentially. | |
| 8) Chemical Name: | |
| 9) Chemical formula: | 10) CAS No.: |
| 11) Manufacturer’s name, phone and address: | |
| 12) Is an Environmental Data Sheet (EDS) available for this chemical? | <input type="checkbox"/> YES <input type="checkbox"/> NO If YES, attach |
| 13) Is a MSDS sheet available for this chemical? | <input type="checkbox"/> YES <input type="checkbox"/> NO If YES, attach |
| 14) At working concentrations ¹ , is the chemical(s) a hazard or toxic to humans, livestock, fish, wildlife? If Yes, what entity and at what concentrations?: | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 15) If water is discharged to surface at any time, has the NV Division of Wildlife been consulted? | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| CHEMICAL FEED INFORMATION | |
| 16) Estimated use start date: | |
| 17) Describe where the chemical is applied to the water: | |
| 18) Describe how the chemical is applied: | |
| 19) Describe the frequency of application: | |
| 20) What is the feed rate of the chemical as it is fed into the water: Estimated use per month: | |
| 21) What is the <u>final, effective concentration</u> of chemical mixture immediately prior to application: | |
| 22) What is the “working” concentration of chemical after mixing with the water in the cooling tower/well/etc.: | |
| 23) Is the bulk storage container properly marked with the chemical name and information? | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 24) Describe the chemical monitoring before and after application: | |
| 25) Discuss the interaction between the proposed chemicals/additives and chemicals already in use, and the by-products of their interaction: | |
| FORM COMPLETION | |
| Print Name of Person Completing Form: | |
| Signature: | Date: |

1. Working concentration is the chemical concentration within the final water system (e.g. cooling tower system), found under Item 23 above.