

CRCPD POCKET GUIDE

| Radiation Dose | | Equivalent Units | |
|----------------|------|----------------------|-----|
| <u>REM</u> | | <u>SIEVERTS (SI)</u> | |
| 1 | mrem | 10 | μSv |
| 10 | mrem | 100 | μSv |
| 100 | mrem | 1 | mSv |
| 1000 | mrem | 10 | mSv |
| 10 | rem | 100 | mSv |

Radioactivity Units

| <u>CURIE (Ci)</u> | | <u>BECQUEREL (Bq)</u> | |
|-------------------|-----|-----------------------|-----|
| 1 | Ci | 37 | GBq |
| 1 | mCi | 37 | MBq |
| 1 | μCi | 37 | KBq |
| 27 | pCi | 1 | Bq |
| 27 | μCi | 1 | MBq |
| | | 1 | TBq |



www.crcpd.org

USDOT Package Labels

| <u>LABEL</u> | <u>SURFACE DR</u> | <u>TI</u> |
|--------------|-------------------|-----------|
| White I | 0.5 mr/hr | N/A |
| Yellow II | 50 mr/hr | 1 |
| Yellow III | 200 mr/hr | 10 |
| Yellow III | 1000 mr/hr | * |

*See Sec 49 CFR 173.441

Metric Unit Prefixes

| | | | | | |
|---|-------|-------------------|---|------|------------------|
| p | pico | 10 ⁻¹² | k | kilo | 10 ³ |
| n | nano | 10 ⁻⁹ | M | mega | 10 ⁶ |
| μ | micro | 10 ⁻⁶ | G | giga | 10 ⁹ |
| m | mill | 10 ⁻³ | T | tera | 10 ¹² |

Note: 10⁻³ = 0.001, 10³ = 1000

Radiological Emergency Contacts (As of March 2007)

U.S. Nuclear Regulatory Commission
(24-Hr) 301/816-5100

National Response Center
1-800/424-8802

CHEMTREC
1-800/424-9300