



National Aeronautics and
Space Administration

Principal Center for Regulatory Risk Analysis and Communication

REGULATORY ALERT

Toxic Release Inventory Chemical List Update

This information was prepared by NASA's Principal Center for Regulatory Risk Analysis and Communication (RRAC). An archive of regulatory alerts, summaries, and other information is posted on the RRAC PC website at <http://www.nasa.gov/offices/rrac/home/>. If you have further questions and/or need assistance, please contact Sharon Scroggins/MSFC (256-544-7932, sharon.scroggins@nasa.gov).

Date [Citation]: 6 April 2010 [[75 FR 17333](#)]

Regulatory Agency: U.S. Environmental Protection Agency

Rulemaking Type: Proposed Rule

Comments Due: 7 June 2010

Title: Addition of National Toxicology Program Carcinogens; Community Right-to-Know Toxic Chemical Release Reporting

Summary:

On 6 April 2010, the U.S. Environmental Protection Agency (EPA) proposed in the *Federal Register* [[75 FR 17333](#)] to add 16 chemicals to the Toxic Release Inventory (TRI) list of reportable chemicals under the Emergency Planning and Community Right-to-Know Act (EPCRA). The chemicals have been classified as "reasonably anticipated to be a human carcinogen" by the National Toxicology Program (NTP) in its Report on Carcinogens (RoC). Because of this carcinogen classification, the chemicals meet the EPCRA Section 313(d)(2)(B) statutory listing criteria for TRI.

Additionally, 4 of the chemicals, the nitroarenes, are being proposed for addition to the polycyclic aromatic compounds (PACs) category. PACs are of special concern because they are persistent, bioaccumulative, toxic (PBT) chemicals and are likely to remain in the environment for a long time.

The 16 chemicals proposed by EPA for addition to the list of TRI reportable chemicals include the following:

Chemical	CAS Number
1-Amino-2,4-Dibromoanthraquinone	81-49-2
2,2-bis(Bromomethyl)-1,3-propanediol	3296-90-0
Furan	110-00-9
Glycidol	556-52-5
Isoprene	78-79-5
Methyleugenol	93-15-2
Nitroarenes (selected)	
• 1,6-Dinitropyrene	42397-64-8
• 1,8-Dinitropyrene	42397-65-9
• 6-Nitrochrysene	7496-02-8
• 4-Nitropyrene	57835-92-4
o-Nitroanisole	91-23-6
Nitromethane	75-52-5
Phenolphthalein	77-09-8
Tetrafluoroethylene	116-14-3
Tetranitromethane	509-14-8
Vinyl Fluoride	75-02-5

If finalized, facilities will be required to monitor and include releases of the 16 chemicals in EPCRA reports beginning with the report for Calendar Year 2011.

Potential Impacts to NASA:

If the 16 chemicals are added to the list of TRI reportable chemicals, NASA Centers and contractor facilities may be required to monitor and report releases of the 16 chemicals beginning 1 January 2011.

Additional Information: http://www.epa.gov/tri/lawsandregs/ntp_chemicals/index.html.