



Resources on Environmental Impacts of Rocket Fuel

SGAC Task Force on U.S. Space Legislation

Rocket Fuel Policy Overview

J. Dallas et. al., "[The Environmental Impact of Emissions from Space Launches](#)," 10 May 2020.

- This science policy journal article describes in depth the chemical properties of the four major types of rocket fuel outlined in this brief.

The Aerospace Corporation, "[The Policy and Science of Rocket Emissions](#)," April 2018.

- The Center of Space Policy and Strategy at the Aerospace Corporation provides nonpartisan analysis of space industry-related engineering topics. This report reviews the history of U.S. regulations of rocket fuel and motivates the creation of a national approach to this issue.

U.S. Government Rocket Fuel Policy

EPA, "[Beryllium Rocket Motor Firing: National Emission Standards for Hazardous Air Pollutants \(NESHAP\)](#)," 6 April 2022.

- EPA rule summary of the national emissions standards for rocket fuels containing beryllium.

EPA, "[What is the National Environmental Policy Act?](#)" 26 October 2022.

- EPA summary of NEPA, the U.S. government framework for environmental protection from federal agency activity.

EPA Press Office, "[EPA Announces Plan to Protect the Public from Perchlorate](#)," 31 March 2022.

- EPA press release concerning the review of a 2020 decision to not regulate perchlorate concentration in drinking water. Perchlorate is a component of a commonly-used type of rocket fuel.