

Recommended Resources for Understanding Chemical Hazards – Going Beyond the Safety Data Sheet (https://guides.turi.org/beyond_sds)

Often Safety Data Sheets do not provide all the data related to various chemicals and their hazard endpoints. These resources can help locate more information to help you in comparing the relative hazard of chemical options.

Resource	Link	Chemical Information
PubChem	https://pubchem.ncbi.nlm.nih.gov	<ul style="list-style-type: none"> • Chemical structure • Synonyms • Chemical and physical properties • Safety and hazards • Toxicity • Use and manufacturing
ChemHAT	https://chemhat.org	<ul style="list-style-type: none"> • Acute and chronic effects • Authoritative lists of restrictions • Environmental impact; Persistence • Safer alternatives • Possible exposure routes • Recommended PPE
NIOSH Pocket Guide	www.cdc.gov/niosh/npg	<ul style="list-style-type: none"> • Target organs affected • Flashpoint • Exposure levels • Vapor pressure • Occupational health and safety focus
EU ECHA Registration	https://echa.europa.eu/en/web/guest/%20information-on-chemicals	<ul style="list-style-type: none"> • REACH registration dossiers • CLP (Classification, labelling and packaging) harmonized classifications
Source Lists	https://guides.turi.org/beyond_sds	<ul style="list-style-type: none"> • California Prop 65 • IARC • TURA chemical list • EU Substances of very high concern (SVHC) • ChemSec Substitute it Now (SIN) List