

Pistoia Alliance Chemical Safety Library (CSL)

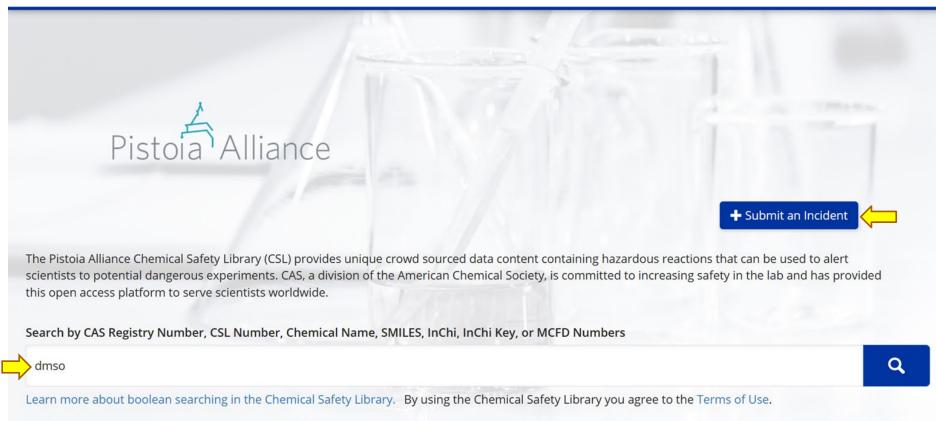
CONTAINS LAB SAFETY INCIDENTS REPORTED BY USERS OR REPORTED IN THE LITERATURE

SEARCH BY CHEMICAL NAME OR CAS REGISTRY NUMBER

HTTPS://SAFESCIENCE.CAS.ORG/







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Pistoia Alliance Chemical Safety Library (CSL)



+ Submit an Incident

Q Search Results for dmso 2 Results

Reagent(s) Name CSL Number 🖨 Warning Message 🖨 Source 🖨 \$ CSL00022 Hydrogen peroxide Overpressurization Hazard if heated above 150 degrees C C&EN 1 (7722 - 84 - 1)DMSO (67-68-5) User-Reported 2 CSL00002 DMSO mixture can result in explosion (67 - 68 - 5)perchloric acid (7601 - 90 - 3)

CSL Search Results

Chemical Safety Library Hazardous Reaction Incident Submission Form

Thank you so much for contributing to the Pistoia Alliance Chemical Safety Library (CSL), a community crowd-sourced collection of hazardous reaction incidents, those "reactions gone wrong in the lab." This important new source allows all of us to learn from the wider-community's experiences.

Your entry (excluding your contact information) will be published to the CSL database, and will be deposited in PubChem (section 12.8.3.1). You can request a copy of the entire database (as a .csv file) from the Chemical Safety Library administrator.

Enter your reaction incident information in the form below. Be as complete as possible. Our curators will enter the data you provide into the CSL database. If they have any questions about your entry, they will be in touch via email.

Hazardous Reaction Incident Submission Form

Name and Institution are NOT displayed in published CSL records. This information is needed for CSL admin reviewers if they have questions and need to contact a submitter.	Required Field* Company or Institution*	CSL Hazardous Reaction Incident Submission Form
Source*	Literature Citation easily get https://	 DOI into ZoteroBib - <u>https://zbib.org/</u> - to quickly and et a citation. Scroll down the page to choose a different style format. The ACS Style Quick Guide - /pubs.acs.org/doi/full/10.1021/acsguide.40303 - has examples you can use too. CAMEO Chemicals sample citation: Diisopropyl roxydicarbonate. CAMEO Chemicals. NOAA/EPA. //cameochemicals.noaa.gov/chemical/953 (accessed 2023-06-26). (CAS RN: 105-64-6)
Warning Message* Please enter as much detail as possible a have been done to prevent it		make DOI a usable hypertext link, precede DOI with <u>https://doi.org/</u> Example: https://doi.org/10.1021/jacs.3c03627

Warning Message: Reactivity Profile information in CAMEO Chemicals - <u>https://cameochemicals.noaa.gov/</u> - have reaction incide information. Also see ACS Publications Author Guidelines about Safety Considerations that include recommendations about creating safety caution statements - <u>https://publish.acs.org/publish/author_guidelines?coden=acscii#safety_considerations</u>

Substance (Reactants/Reagents/Solvents/Catalysts) in the reaction involved in this Incident Report*

Substance 1 - Name*

Use Semicolons As A Delimiter

Substance 1 - CAS#

Substance 1 - Role*

Roles include: Reactant Reagent Solvent Catalyst Product Unknown

Substance 2 - Name*

Use Semicolons As A Delimiter

Substance 2 - CAS#

Substance 2 - Role*

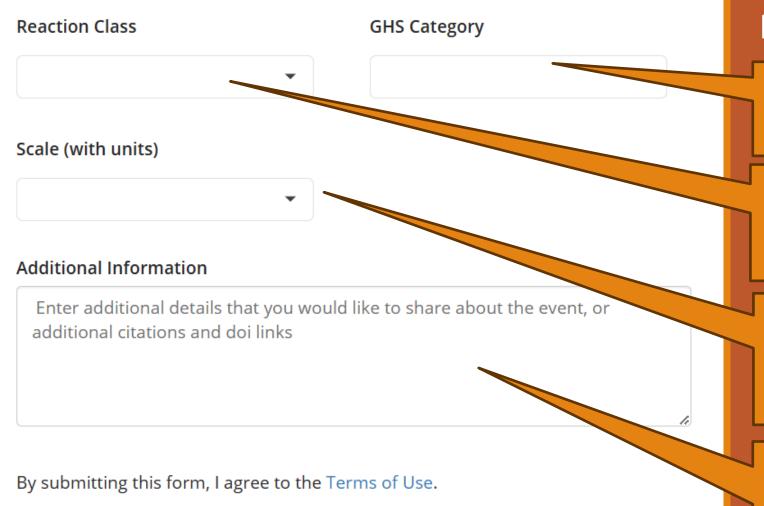
CSL Hazardous Reaction Incident Submission Form

Note that incompatibility between two substances is not enough. The two or more substances must be involved in hazardous or potentially hazardous reaction to be accepted into the CSL database.

Possible values for substances include an individual substance name, an element, or a compound class name. While CAS Registry Numbers are available for individual substances and elements, no CAS Registry Numbers are assigned to compound class names.

It is okay to use an acronym for a substance but please also add a chemical substance name too. To locate names, synonyms, and CAS Registry Numbers use CAS Common Chemistry - https://commonchemistry.cas.org/ - or SciFinder.

+ Add Another Substance



CSL Hazardous Reaction Incident Submission Form

Globally Harmonized System for Classifying Individual Chemical Substances. Can select multiple values that apply to substances involved in the hazardous reaction.

Selected list of reaction classes. Can select multiple values. Last choice is "Other" that allows submitters to add an additional reaction class name.

> Scale options include: Small (up to 1g) Medium (up to 100g) Large (>100g) Not available

Do NOT include health hazards or emergency response recommendations because this information may be incomplete and may become outdated.

Submit Report