



Safety Meeting Outline



SMO 07-1101

CHEMICAL TERMS OF THE MSDS

By SeaBright Insurance Loss Control

So you've actually gone the extra mile to look up information on a chemical using the Material Safety Data Sheet (MSDS). Good job! But what do all these terms mean anyway? Here are more terms commonly used on MSDS. (Note: see **SMO 06-0202** for more terms)

CARCINOGENIC: Cancer producing.

CHEMTREC: Chemical Transportation Emergency Center - A nationwide chemical emergency clearinghouse established by the Chemical Manufacturer's Association. CHEMTREC is available for any inquiry or chemical emergency any time, day or night. They may be called at 900-424-9300. They are an excellent resource.

FLASH POINT: The lowest temperature at which the chemical gives off sufficient vapor to form an ignitable mixture with the air when an ignition source is present. Generally speaking, the lower the flashpoint (in temperature degrees), the more dangerous a chemical is, from a fire and/or explosion standpoint.

LC 50: Lethal concentration that will kill 50% of the test animals receiving exposure.

LD 50: The dose required to produce death in 50% of the exposed species. Death is usually reckoned as occurring within the first 30 days following exposure.

MUTAGENIC: Having the ability to alter genes.

OXIDIZER: Will give off oxygen in combination with certain chemicals. Dangerous because they increase the potential of fire severity of they may react chemically with fuels or other substances.

PEL: Permissible Exposure Limit. The level at which employees may be exposed according to OSHA without anticipated health effects.

pH: The scale used to express the degree of alkalinity or acidity. The scale ranges from 1 to 14, with 7 being the neutral point. Generally speaking, the farther the pH ranges from neutral, the more dangerous it becomes.

UN/CAS Number: United Nations/Chemical Abstract Series Number. Systems used to identify individual chemicals by number.

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SAFETY MEETING AGENDA

DEPARTMENT/JOB SITE: _____ MEETING DATE: _____

- 1. **Open Meeting & Present safety topic:** _____
- 2. Read minutes from previous meeting.
- 3. **Persons present:**

_____	_____
_____	_____
_____	_____
_____	_____

- 4. **Old Business** – Status of previous recommendations. Discuss pending old business if any.

- 5. **Accidents** – Discuss accidents and near misses that have occurred since the last meeting. Brief summary of accidents to date by number and type. Note any trends. Discuss corrective action taken, or needed. Concentrate on accident causes to make everyone more aware.

- 6. **Inspection Reports** – Report on findings and recommendations of any inspection reports made since last meeting.

- 7. **New Business** – Solicit employee suggestions. Discuss new procedures, changes to company safety policy, etc.

TIME MEETING STARTED: _____ TIME FINISHED: _____

MEETING CHAIRED BY: _____ TITLE: _____