

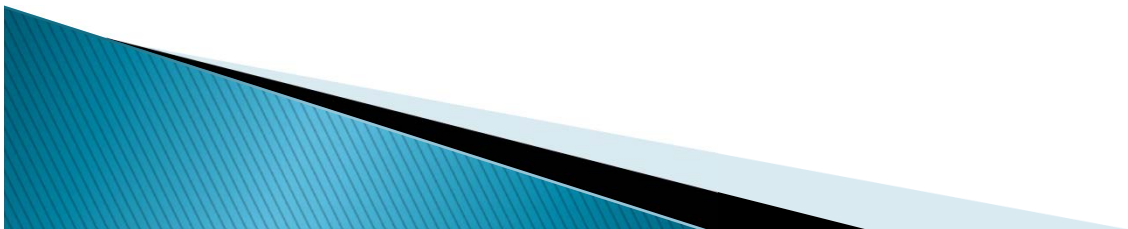


Chemical Safety

Safety Data Sheets

What is an SDS?

- ▶ SDS stands for Safety Data Sheet.
- ▶ An SDS provides important information about a chemical, including:
 - Emergency contact information
 - The physical and health hazards
 - Safe handling and storage methods
 - Personal protective equipment
 - Emergency and first aid procedures



Where can I find the SDSs?

- ▶ At Stew Leonard's, SDSs are kept electronically and can be accessed on our Intranet site from any company computer.



Finding an SDS

- ▶ On the next page, follow the directions below to locate the chemical SDS ...

Chemical Safety Data Sheets

Instructions

- 1. Enter the name of the product or the name of the manufacturer in the SEARCH field above. Once you find the product, click the product link to view the Safety Data Sheet (SDS).
- 2. You can also sort the list by Product Name or Manufacturer Name by clicking the column header at the top.
- 3. If a manufacturer name is followed by "SDS Search Site", clicking the link will enable to go directly to manufacturer's Safety Data Sheet website and search all their products.
- 4. If you are unable to find an SDS for a product, please notify Security so the SDS can be obtained.

Product Name (click to view SDS)	Manufacturer
1-Shot SDS Search Site (Paint)	PPG Industries
31865	Chem-Aqua
42171	Chem-Aqua
Acetylene	Airgas
Acetylene	Tech Air
AF12408_HAZELNUT FLAVOR	Allen Flavors
AF17128_CARIBBEAN CHOCOLATE RUM FLAVOR	Allen Flavors
AF4105_VANILLA NUT FLAVOR	Allen Flavors

If you can't find an SDS, notify Security so it can be obtained.

What's on an SDS?

All SDSs will have a similar format and include the following 16 sections:

- ▶ **Section 1, Identification** includes product identifier; manufacturer or distributor name, address, phone number; emergency phone number; recommended use; restrictions on use.
 - ▶ **Section 2, Hazard(s) identification** includes all hazards regarding the chemical; required label elements.
 - ▶ **Section 3, Composition/information on ingredients** information on chemical ingredients; trade secret claims.
 - ▶ **Section 4, First-aid measures** includes important symptoms/effects, acute, delayed; required treatment.
 - ▶ **Section 5, Fire-fighting measures** extinguishing techniques, equipment; chemical hazards from fire.
 - ▶ **Section 6, Accidental release measures** emergency procedures; protective equipment; proper methods of containment and cleanup.
 - ▶ **Section 7, Handling and storage** lists precautions for safe handling and storage, including incompatibilities.
 - ▶ **Section 8, Exposure controls/personal protection** lists exposure limits, as well as appropriate engineering controls and personal protective equipment (PPE).
 - ▶ **Section 9, Physical and chemical properties** lists the chemical's characteristics.
 - ▶ **Section 10, Stability and reactivity** lists chemical stability and possibility of hazardous reactions.
 - ▶ **Section 11, Toxicological information** routes of exposure; related symptoms, and acute and chronic effects.
 - ▶ **Section 12, Ecological information**
 - ▶ **Section 13, Disposal considerations**
 - ▶ **Section 14, Transport information**
 - ▶ **Section 15, Regulatory information**
 - ▶ **Section 16, Other information**, includes the date of preparation or last revision.
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Pictograms

- ▶ SDSs and container labels will contain pictograms to communicate the hazards. The pictograms depict 9 hazard classes.

Health Hazard  • Carcinogen • Mutagenicity • Reproductive Toxicity • Respiratory Sensitizer • Target Organ Toxicity • Aspiration Toxicity	Flame  • Flammables • Pyrophorics • Self-Heating • Emits Flammable Gas • Self-Reactives • Organic Peroxides	Exclamation Mark  • Irritant (skin and eye) • Skin Sensitizer • Acute Toxicity (harmful) • Narcotic Effects • Respiratory Tract Irritant • Hazardous to Ozone Layer (Non-Mandatory)
Gas Cylinder  • Gases Under Pressure	Corrosion  • Skin Corrosion/Burns • Eye Damage • Corrosive to Metals	Exploding Bomb  • Explosives • Self-Reactives • Organic Peroxides
Flame Over Circle  • Oxidizers	Environment (Non-Mandatory)  • Aquatic Toxicity	Skull and Crossbones  • Acute Toxicity (fatal or toxic)

The most common hazard classes found at Stew's are:

Examples:



– Cooking grease, oils, oil paints, gasoline



– Helium, propane, spray paints



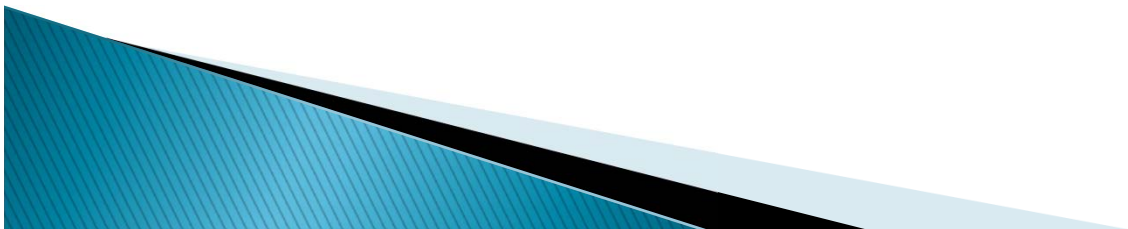
– Oven cleaners, drain cleaners, bleach



– Many chemicals if not handled properly

Chemical Safety Basics

- ▶ Follow safety instructions listed on the container label and SDS.
- ▶ Never mix chemicals except in accordance with manufacturer instructions.
- ▶ Always wash hands after handling chemicals.
- ▶ Never store chemicals near or above food.
- ▶ If you have a question, contact your supervisor.



Summary

- ▶ SDSs provide important safety information about a chemical.
- ▶ At Stew's, SDSs are available on our intranet site.
- ▶ Follow the directions on our SDS library page to find the SDS you are looking for.
- ▶ If you can't find a particular SDS, notify Security.

