

CHAPTER 5: SAFETY AROUND THE AUTOMOBILE

Safety Data Sheet Activity

Objective

Upon completion of this activity, you will be able to locate and interpret a safety data sheet.

NATEF Correlations

General

- Comply with personal and environmental safety practices associated with clothing; eye protection; hand tools; power equipment; proper ventilation; and the handling, storage, and disposal of chemicals/materials in accordance with local, state, and federal safety and environmental regulations.

Shop and Personal Safety

- Identify the location and use of eyewash stations.
- Comply with the required use of safety glasses, ear protection, gloves, and shoes during lab/shop activities
- Identify and wear appropriate clothing for lab/shop activities.
- Locate and demonstrate knowledge of safety data sheets (SDSs).

Tools

Internet access


Supplies

None


Cautions

Follow all procedures and safety guidelines specified by your instructor.

Directions

Check off the boxes ☐ when completed. When you see a hand  next to the task, write the information in the activity journal. If you have any questions during the duration of this activity, stop and ask the instructor for assistance.

Procedure

- ☐ Identify a chemical product (e.g., WD-40) in your school's shop.
- ☐ Use a phone, tablet, or computer to access the Internet.
- ☐ Open a search engine such as www.google.com.
- ☐ Search for the electronic copy of the product's SDS.
- ☐ Take a couple of minutes to become familiar with the SDS. Review all the sections.
- ☐ Read about the product's hazards. This information is found in Section 2 Hazard Identification.
-  Note any product dangers from Section 2.

- ☐ Read about the first aid measures. This information is found in Section 4 First Aid Measures.
- ☒ Note what to do if the chemical accidentally gets in your eyes from Section 4.
- ☐ Read how to properly handle and store the chemical. This information is found in Section 7 Handling and Storage.
- ☒ Note how to properly handle and store the chemical from Section 7.
- ☐ Read what personal protection equipment (PPE) is needed. This information is found in Section 8 Exposure Controls/Personal Protection.
- ☒ Note what type of PPE is needed to properly use the chemical for its intended purpose from Section 8.
- ☐ Log off your device.

Activity Journal

1. List any product hazards from Section 2.
2. According to Section 4, do you need to do anything if the chemical accidentally gets in your eyes?
3. According to Section 7, how should you properly handle and store the chemical?
4. List the PPE from Section 8 that is needed to properly use the chemical for its intended purpose.