



**MONASH** University

**HAZARDOUS SUBSTANCES  
REGISTER**

**MATERIAL SAFETY DATA  
SHEETS**

# Chemical Register

This folder is the chemical register of hazardous substances and dangerous goods as required by Victorian chemical management legislation. It contains:

- a list of all hazardous substances and all dangerous goods
- the Material Safety Data Sheets (MSDS) for all of these chemicals

## Material Safety Data Sheet (MSDS)

MSDS's are information sheets prepared by the manufacturer or supplier of the chemical. They provide information about the risk of using a chemical. MSDS's should contain the following information:

### Identification

Product details such as the name of chemical together with any synonyms  
Physical properties including physical characteristics such as appearance and properties such as boiling point  
Other properties  
Ingredients: a list of the ingredients if the material is a mixture

### Health Hazard Information

Health effects: such as eye irritation from contact with liquid or vapour  
First aid: such as "flush affected skin with water for 15 minutes"  
Advice to doctor: this advice is specifically included for use by a qualified medical practitioner

### Precautions For Use

Exposure standards: where these exist, they provide guidance on the airborne levels which could result in ill effects  
Engineering controls: such as the type of ventilation required when using the material  
Personal protection: details of equipment that can be worn to achieve personal protection e.g. gloves  
Flammability: issues regarding the potential for fire

### Safe Handling Information

Storage and transport information: such as "store at temperatures below 25°C"  
Spill cleanup and disposal procedures: e.g. use vermiculite to absorb spills  
Fire and/or explosion hazards: such as "material could explode if exposed to sunlight"  
Point of contact: details of an emergency contact from the manufacturer or supplier  
Additional non-emergency contact details  
Date of issue of MSDS

In addition to the data provided by the MSDS, the chemical properties and likely reactions of mixtures must be assessed as part of the risk assessment process prior to using any chemicals