# **EXAMPLE OF GOVERNMENT SAFETY AND REGULATION DATA**

(Found on www.proscitech.com.au/catalogue/msds/c350.pdf)

# MATERIAL SAFETY DATA SHEET Formic Acid

# STATEMENT OF HAZAREDOUS NATURE

Hazardous according to criteria of Worksafe Australia

# **IDENTIFICATION SECTION**

Product Name Other Names Product Code U. N. Number Dangerous Goods Class and Subsidiary Risk Hazchem Code Poison Schedule Use

Physical Description and Properties Appearance Boiling Point / Melting Point Vapour Pressure Specific Gravity Flash Point Flammability Limits Solubility in water

Other Properties Ingredients Chemical Name HCOOH

### **PRECAUTIONS FOR USE:**

Exposure Standards: Engineering Controls: Personal Protection:

**Respirator:** 

C350 UN1779 8

Formic Acid

2R None allocated Chemical reagent

Colourless, liquid, pungent odour BP 101° C, MP 8° C 23mm Hg 1.21 50oC Upper: 57%, Lower: 18% Complete

CAS Number 64-18-6 **Proportion** 100%

#### TLV/TWA: 9mg / m3 5ppm

Use general or local exhaust ventilation to meet TLV requirements. Wear safety goggles and face shield, uniform protective suite, acid-resistant gloves are recommended. Respiratory protection required if airborne concentration exceeds TLV. At concentration up to 100 ppm. A chemical cartridge respirator with organic vapor cartridge and dust/mist filter is recommended. Above this level, a self-contained breathing apparatus is recommended.

# **HEALTH HAZARD INFORMATION**

Health Effects:

Eye:and dizziness to unconsciousness.Eye:May cause severe irritation or burns.Inhaled:May cause severe irritation or burns.Inhaled:May cause severe irritation or burns.Inhaled:May cause severe irritation or burns.ChronicProlonged vapor exposure may produce conjunctivitis of the eyes and irritation and dermatitis of the skin.First Aid:Do not induce vomiting. If conscious give water, milk or milk of magnesia. Call a physician.Swallowed:Do not induce vomiting. If conscious give water, milk or malk of magnesia. Call a physician.Eye:Immediately flush eyes with copious amounts of water for at least 15 minutes. Call a physician.Skin:Immediately flush eyes with copious amounts of water. Wash contaminated clothing before reuse. Call a physician.First Aid Facilities: Advice to Doctor:No specific antidote. Treat symptomatically and supportively.SAFE HANDLING INFORMATION Storage and Transport:Keep container tightly closed. Store in a cool, dry, well-ventilated, flammable liquid storage area or cabinet. Bond and ground containers when transferring liquid.Spills and Disposal:Wear self-contained breathing or flames in the area. Stop leak if you can do so without risk. Neutralize spill with soda ash or lime. With clean shovel, carefully place material into a clean dry container and cover. Remove for my large with full face piece operative in positive pressure mode. Move container in fire risk area if it can be done so withou risk. Use water to keep fro-exposed container cool. Thermal decomposition products may include toxic oxides of carbon.Sorage and Transport:Use water spray, alcohol foan, dry che	Acute	
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sulfuric acid (concentrated).		
	Animal Toxicity Data:	
1100mg/kg	·	

The information published in this Material Safety Data Sheet has been compiled from data in various technical publications. It is the user's responsibility to determine the suitability of this information for adoption of necessary safety precaution. We reserve the right to revise material Safety Data Sheets as new information becomes available. Copies may be made for non-profit use.