# Macneil Environmental, Inc.

## EMPLOYEE RIGHT TO KNOW

Teacher

Custodial/Maintenance

Food Service

Training 2014

By: Jeff Johanson, Account Manager

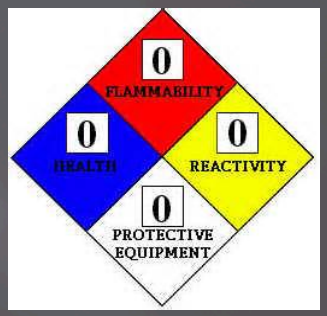
ERTK

# Teacher
# Custodial/Maintenance
# Food Service

- ERTK Training 2014

# Topics Covered

- Safety Data Sheets
- Safe Work Practice
- Container Labeling
- NFPA Hazard Diamond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# Safety Data Sheets (SDS)

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# What are Safety Data Sheets-SDS?

- SDS's are created by chemical or product manufacturers

  Website: www.msdsonline.com


- SDS's are required to be available in the workplace

- The state of Wisconsin requires SDS's to be present in any workplace where chemicals are used or stored

# Contents of Safety Data Sheets-SDS

- Product/Chemical ID
- Hazardous Ingredients
- Physical Characteristics
- Fire & Explosion
- Reactivity
- Health Hazard Data
- Chemical Exposure
- Spill & Leak Procedures
- Special Protection (PPE)
- Control Measures (ventilation)
- Special Precautions

**DEGREASEALINE**

**DANGER**

**HAZARD STATEMENTS:**
Highly flammable liquid and vapor.
May be harmful if swallowed and enters airways.

**PRECAUTIONARY STATEMENTS:**
Keep container tightly closed. Do not breathe vapors. Suspected of causing cancer by inhalation. Wear respiratory protection, gloves and coveralls. Store in a well ventilated place. Keep Cool. Keep away from heat/sparks/open flame. No smoking. Dispose of contents/container in accordance with local regulations. FIRST AID: If exposed seek immediate medical attention.

**EMERGENCY:** 1-800-234-5678
ABC Fine Chemicals, 1234 Over There St., Any Town
Tel: (123) 456-7890

# SDS Symbols

Explosives

Flammables

Oxidizers

Corrosives

Carcinogens

Environ. Toxicity

Pressurized Gas

Acute Toxicity

Irritants

# COMING SOON!
# Globally Harmonized System
# GHS



# Safe Work Practice

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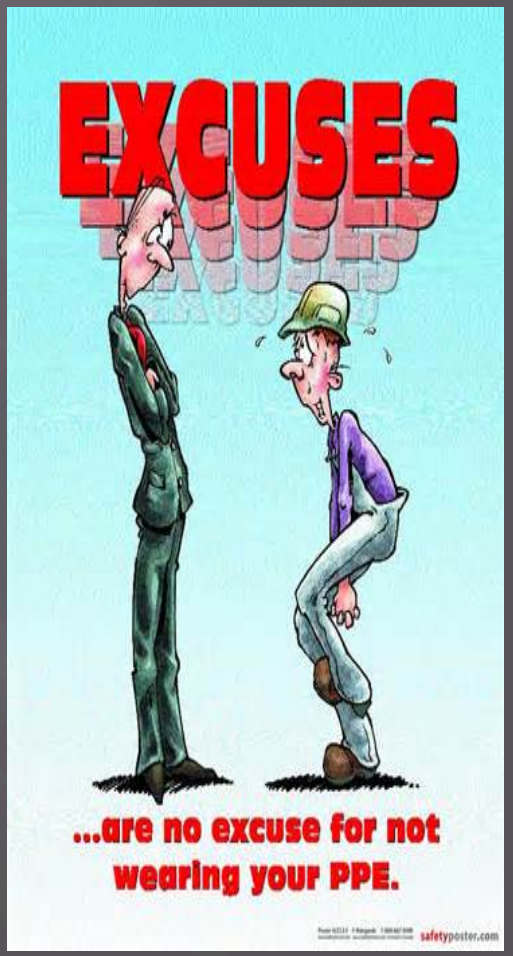
# Recommended PPE

- For eyes and face: Goggles and shields for corrosive chemicals and flying debris
- For hands and body: Gloves and aprons for all chemicals and heavy machine use
- For ears: Hearing protection- ear plugs and ear muffs for loud working areas.



# Eyewash Systems

- Eyewash location: within 10 seconds of where corrosive chemicals are stored and used
- Weekly inspections required
- Inspection log should be located near eyewash station
- Remove contacts (if needed)
- Flush for 15 minutes


# Container Labeling and NFPA Hazard Diamond

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# Container Labeling

- Secondary containers require labels
  - Spray bottles
  - Eye dropper bottles


- Labels must include:
  - Identity or name of chemical
  - Warning of its hazardous contents

- Labeling systems: “0 to 4”
  - NFPA (National Fire Protection Association)
  - HMIS (Hazard Material Identification System)

# Labeling

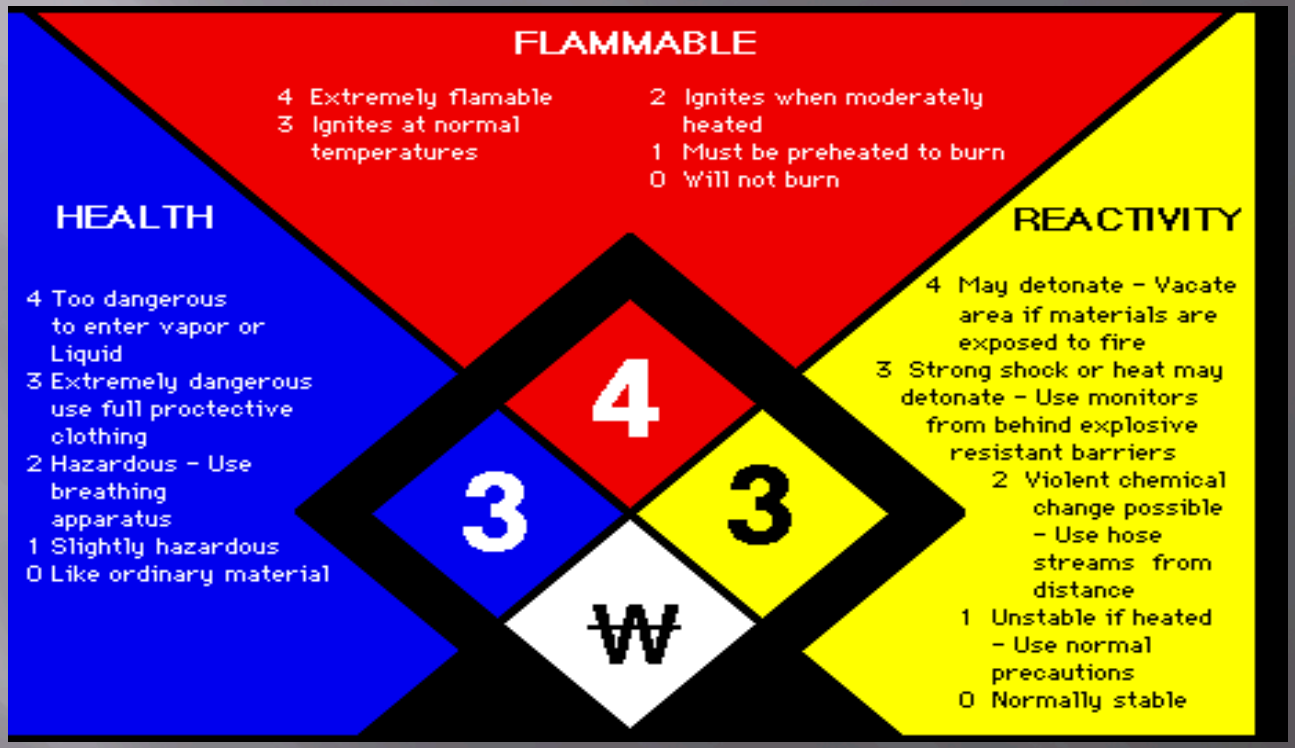

DANGER
EXPLOSIVE GAS
NO SMOKING


POISON
6


FLAMMABLE
GAS
2


CORROSIVE
8

# NFPA Hazard Diamond




- National Fire Protection Association (NFPA)

- 0 to 4 ranking system
  - 0=Non-hazardous
  - 4=Very hazardous

# Thank You!

MacNeil Environmental Inc.

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# Are there any questions at this time?

# FOOD SERVICE STAFF MAY LEAVE