New GHS Label Format

Required Components (by 2015 for manufacturers, by 2016 in-house):

1) Product Identifier (Chemical Name)
2) Signal Word (Danger / Warning)
3) Pictogram (GHS Hazard Diamonds)
4) Hazard Statement (Describes pictograms)
5) Precautionary Statement (How to store, handle, PPE, what to do in emergency)
6) Name and contact information of manufacturer (Company Name, Phone #, Address)
Acetone

**PRODUCT ID (NAME)**

DANGER
Highly flammable liquid and vapor.
Causes severe eye irritation.
Keep away from heat, sparks and flame – No smoking.
Take precautionary measures against static discharge.
Keep from direct sunlight.
Keep container closed when not in use.
Store in a cool/low temperature, well-ventilated place away from heat and ignition sources.
Use only in a well-ventilated area.
Avoid contact with eyes, skin and clothing.
Wear appropriate personal protective equipment, avoid direct contact.
Flush eyes with water for at least 15 minutes while holding eyelids open.

**SIGNAL WORD**

**HAZARD STATEMENTS**

**PRECAUTION STATEMENTS**

**MANUFACTURER**

Company Name
Street Address, City, State/Province, Country
Telephone: (Country Code)-#####-####

**PICTOGRAMS**
Sample Label for n-Propyl Alcohol

The Basic Parts of A GHS-Compliant Label

1. **n-Propyl Alcohol**
   - UN No. 1274
   - CAS No. 71-23-8

2. **DANGER**
   - Highly flammable liquid and vapor. Causes serious eye damage. May cause drowsiness and dizziness.
   - Keep away from heat/sparks/open flames/hot surfaces. No smoking. Avoid breathing fumes/mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present. Continue rinsing.

3. 

4. 

5. 

6. 

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1. **Product Identifier** - Should match the product identifier on the Safety Data Sheet.
2. **Signal Word** - Either use “Danger” (severe) or “Warning” (less severe)
3. **Hazard Statements** - A phrase assigned to a hazard class that describes the nature of the product’s hazards
4. **Precautionary Statements** - Describes recommended measures to minimize or prevent adverse effects resulting from exposure.
5. **Supplier Identification** - The name, address and telephone number of the manufacturer or supplier.
6. **Pictograms** - Graphical symbols intended to convey specific hazard information visually.

Sample label courtesy of Weber Packaging Solutions • www.weberpackaging.com
Sample Label for Hydrogen Sulfide

1. **Hydrogen Sulfide**

2. **DANGER**
   - Extremely flammable gas
   - Contains gas under pressure
   - May explode if heated
   - Contains poisonous hydrogen sulfide gas
   - Fatal if inhaled
   - May cause respiratory irritation
   - Very toxic to aquatic life
   - Causes eye irritation

3. **PRECAUTIONS**
   - Keep away from heat, sparks, open flames or hot surfaces. - No smoking.
   - Do not breathe gas, vapours.
   - Avoid release to the environment.
   - Leaking gas fire: Do not extinguish, unless leak can be stopped safely.
   - Eliminate all ignition sources if safe to do so.
   - Store in a well-ventilated place.
   - Store locked up.

4. **FIRST AID**
   - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Specific treatment is urgent: maintain adequate ventilation and consider administration of 100% oxygen. Sodium nitrite may be a useful antidote.

5. Safety Sam’s Hazardous Chemical Liquidators
   123 Toxic Lane • Tempe, AZ, 85281 • (602) 639-4802
Sample Label for Sulfuric Acid

A Closer Look at Label Elements

- Pictogram
- Product Identifier
- Signal Word
- Hazard Statement(s)
- Precautionary Statement(s)
- Manufacturer Information

Sulfuric Acid

Danger!
Causes severe skin burns and eye damage. May be corrosive to metals.

Wear protective gloves/ protective clothing/ eye protection/ face protection.
IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call Poison Center or doctor/physician

See (Material) Safety Data Sheet for further details regarding the safe use of this product.

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