

# DuraLabel® SDS Quick Reference Guide for HazCom 2012 Labeling

Follow this guide to understand the updated Safety Data Sheet (SDS) format and GHS-aligned label elements that are now required by OSHA's HazCom 2012 regulations. As of June 1, 2015, chemical manufacturers and importers conducting business in the United States must provide an SDS in this format for each chemical.

The 16 sections in an SDS are required in the following order:

## 1. Identification\*

- Product identifier
- Manufacturer or distributor name
- Manufacturer address, phone number
- Manufacturer emergency phone number
- Recommended use and/or restrictions on use

## 2. Hazard(s) identification\*

- Hazards regarding the chemical
- Required label elements

## 3. Composition/information on ingredients

- Information on chemical ingredients and trade secret claims

## 4. First-aid measures

- Important symptoms/effects, acute, delayed and required treatment

## 5. Fire-fighting measures

- Suitable extinguishing techniques, equipment
- Chemical hazards from fire

## 6. Accidental release measures

- Emergency procedures
- Protective equipment
- Proper methods of containment and cleanup

## 7. Handling and storage

- Precautions for safe handling and storage, including incompatibilities

## 8. Exposure controls/personal protection

- OSHA's Permissible Exposure Limits (PELs)
- Threshold Limit Values (TLVs)
- Personal Protective Equipment (PPE)
- Appropriate engineering controls

Product Name

Product Code (UN#, EC#, CAS#)

Signal Word

Hazard Statement

Precautionary Statement

Pictograms

Supplier Information

## Acrylonitrile

CAS No.: 107-13-2      UN No.: 1093  
EC No.: 203-466-5


**DANGER**

**Hazard Statements**  
Highly flammable liquid and vapor. Toxic if swallowed. Fatal in contact with skin or if inhaled. Causes skin irritation. Causes serious eye damage. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. May cause cancer. Toxic to aquatic life.

**Precautionary Statements**  
Obtain special instructions before use. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not breathe dust/fume/gas/mist/vapors/spray. Wear protective gloves/protective clothing/eye protection/face protection. Wear respiratory protection. IF ON SKIN: Gently wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Jefferson Chemicals 12345 Main St, Springfield, OR 99999 USA 503-555-5555

**CONSULT SDS FOR ADDITIONAL INFORMATION ON HAZARDS**



## 9. Physical and chemical properties

- Chemical's characteristics

## 10. Stability and reactivity

- Chemical stability and possibility of hazardous reactions

## 11. Toxicological information

- Routes of exposure
- Related symptoms
- Acute and chronic effects
- Numerical measures of toxicity

## 12. Ecological information\*\*

## 13. Disposal considerations\*\*

## 14. Transport information\*\*

## 15. Regulatory information\*\*

## 16. Other information: Any pertinent information as long as it does not contradict the required SDS information.

\* Sections 1 and 2 explain what information chemical manufacturers must provide for HazCom 2012 labeling. (see call-outs on example label)

\*\* Sections 12 through 15 are not enforced by OSHA. Requirements may apply by other agencies and/or governments.

**Create Your Own HazCom 2012 Labels**  
With DuraLabel printers and supplies, it's easy to create custom safety and visual communication labels. DuraSuite™ software includes 7 different formats tailored to specific applications for HazCom 2012 labeling. See reverse for more details.



Scan & Save  
with a HazCom  
2012 Kit.

# START LABELING NOW

Print HazCom 2012 labels on-demand with DuraLabel!



Tape widths 1/2" - 4"



Tape widths 4" - 9"



Label sizes from 2" x 2" to 8.3" x 10.7"

## DuraLabel Toro

Toro has it all: full-size keyboard, adjustable touchscreen and DuraSuite safety compliance software for GHS/HazCom 2012, arc flash, pipe marking and more. No network is needed. Get the optional battery and you're ready to print safety labels and signs anytime, anywhere.

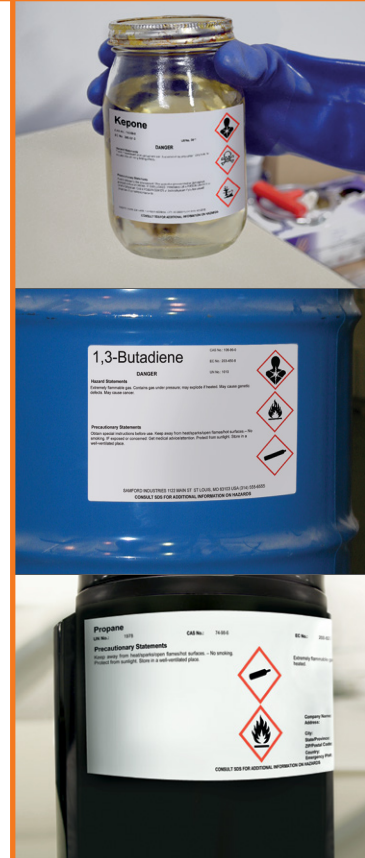
## DuraLabel 9000 PS

Our largest sign and label printer, capable of printing signs up to 9" tall by 100" long. It comes complete with a mounted touchscreen tablet loaded with software including DuraSuite with the latest GHS/HazCom 2012 templates and chemical database. The DL9000 PS also comes with a full-size keyboard and mouse.

## DuraLabel Catalyst

The latest member of the DuraLabel family is the first to print in full color.

Catalyst synthetic die-cut labels are British Standard (BS) 5609 certified for durability, standing up to weather, sand, and sea.



## Customize Your Visual Communication with DuraSuite™ Labeling Software

DuraLabel desktop printers come with DuraSuite label design software, along with a library of more than 1,800 standardized symbols, as well as hundreds of categorized templates for safety compliance and visual communication.



**GHS/HazCom 2012** - Easily create labels to comply with GHS and HazCom 2012.



**NFPA** - Just enter the chemical name and the label populates with information.



**Arc Flash** - Customize your arc flash labels and save templates for future use.



**Pipe Marking** - Match the requirements of ANSI/ASME and IAR for pipe labels.

*"Your products are getting a true test of their grit in our environment and I am extremely pleased with the way it is working out now."*

Gary, U.S. Army



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