Multi-Clean has formatted MSDSs to the new Safety Data Sheet (SDS) according to the UN’s Globally Harmonized System of Classification and Labeling of Chemicals (GHS). What industry has historically called a Material Safety Data Sheet, or MSDS, will now be referred to as simply a Safety Data Sheet, or SDS. Along with the new name, the SDSs will have specific requirements for content. SDSs under the Hazcom 2012 regulations are required to follow a 16 section format and include specific information in each section. The required sections are as follows:

1. **Identification**
   Includes product name, manufacturer or distributor name, address, phone number; emergency phone number; recommended use; restrictions on use.

2. **Hazard(s) identification**
   Includes all hazards regarding the chemical and pictograms if required.

3. **Composition/information on ingredients**
   Includes information on chemical ingredients; trade secret claims.

4. **First-aid measures**
   Includes important symptoms/effects, acute, delayed; required treatment.

5. **Fire-fighting measures**
   Lists suitable extinguishing techniques, equipment; chemical hazards from fire.

6. **Accidental release measures**
   Lists emergency procedures; protective equipment; proper methods of containment and cleanup.

7. **Handling and storage**
   Lists precautions for safe handling and storage, including incompatibilities.

8. **Exposure controls/personal protection**
   Lists OSHA’s Permissible Exposure Limits (PELs); Threshold Limit Values (TLVs); appropriate engineering controls; personal protective equipment (PPE).

9. **Physical and chemical properties**
   Lists the chemical’s characteristics.

10. **Stability and reactivity**
    Lists chemical stability and possibility of hazardous reactions.

11. **Toxicological information**
    Includes routes of exposure; related symptoms, acute and chronic effects; numerical measures of toxicity.

12. **Ecological information**
    Includes ecotoxicity; persistence and degradability; bioaccumulation potential; mobility in soil.

13. **Disposal considerations**
    Description of wastes and information on their safe handling and methods of disposal.

14. **Transport information**
    Hazardous Materials or Dangerous Goods shipping information according to 49CFR, IATA, etc.

15. **Regulatory information**
    Safety, health and environmental regulations specific to the product.

16. **Other information**
    Includes the date of preparation, last revision date, preparer’s name, and phone number.
NFPA System

Blue - health
Red - flammability
Yellow – reactivity
White - other

0- No hazard
1- Slight hazard
2- Moderate hazard
3- High hazard
4- Extreme hazard

HMIS System

Health
Flammability
Physical hazards

4 = Severe Hazard
3 = Serious Hazard
2 = Moderate Hazard
1 = Slight Hazard
0 = Minimal Hazard