

Safety Data Sheet (SDS) Format Guide

Safety Data Sheet

Version
Revision Date
Print Date

1. PRODUCT AND COMPANY IDENTIFICATION

Product name
Product Number
Brand
Supplier
Telephone
Fax
Emergency Phone # (For both supplier and manufacturer)
Preparation Information

2. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards
Target Organs
GHS Classification
GHS Label elements, including precautionary statements
Pictogram
Signal word
Hazard statement(s)
Precautionary statement(s)
HMIS Classification
NFPA Rating
Potential Health Effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms
Formula
Molecular Weight
Component Concentration
CAS-No. -
EC-No.
Index-No.
Registration number

4. FIRST AID MEASURES

General advice
Symptoms
Treatment

5. FIREFIGHTING MEASURES

Conditions of flammability
Suitable extinguishing media
Special protective equipment for firefighters
Hazardous combustion products
Further information

6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Environmental precautions
Methods and materials for containment and cleaning up

7. HANDLING AND STORAGE

Precautions for safe handling
Conditions for safe storage

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value	Control parameters	Basis
Remarks				
STEL				
TWA				

Personal protective equipment

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form
Colour

Safety data

pH
Melting
point/freezing point
Boiling point
Flash point
Ignition temperature
Auto-ignition Temperature
Lower explosion limit
Upper explosion limit
Vapour pressure
Density
Water solubility
Partition coefficient
Relative vapour
Density
Odour
Odour Threshold
Evaporation rate

10. STABILITY AND REACTIVITY

Chemical stability
Possibility of hazardous reactions
Conditions to avoid
Materials to avoid
Hazardous decomposition products
Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION

Acute toxicity
Skin corrosion/irritation
Serious eye damage/eye irritation
Respiratory or skin sensitisation
Germ cell mutagenicity
Carcinogenicity
Reproductive toxicity
Teratogenicity
Specific target organ toxicity -
Specific target organ toxicity -
Aspiration hazard
Potential health effects
Signs and Symptoms of Exposure
Synergistic effects
Additional Information

12. ECOLOGICAL INFORMATION

Toxicity
Persistence and degradability
Bioaccumulative potential
Mobility in soil
PBT and vPvB assessment
Other adverse effects
Additional ecological Information

13. DISPOSAL CONSIDERATIONS

Product
Contaminated packaging

14. TRANSPORT INFORMATION

DOT (US)
UN number
Proper shipping name
Reportable Quantity (RQ)
Marine pollutant
Poison Inhalation Hazard

IMDG

UN number Packing group EMS-No
Proper shipping name
Marine pollutant

IATA

UN number Packing group
Proper shipping name

15. REGULATORY INFORMATION

OSHA Hazards
SARA 302 Components
SARA 313 Components
CAS-No. Revision Date
SARA 311/312 Hazards
Right To Know Components
California Prop. 65 Components

16. OTHER INFORMATION

Further information