Safety Data Sheet

Product name: _____ Revision date: _____ Version: ____

16-section template following UN GHS Annex 4 and the OSHA Hazard Communication Standard (29 CFR 1910.1200, Appendix D). Replace every field with data for your product. Have a competent person review the finished SDS before it is issued.

Section 1. Identification

Product identifier (trade name as on the label):

Other means of identification (synonyms, product code):

Recommended use and restrictions on use:

Supplier name, address and telephone number:

Emergency telephone number (24-hour where required):

Section 2. Hazard(s) identification

GHS classification (hazard class and category):

Signal word (Danger or Warning):

Hazard statements (H-codes and wording):

Pictograms:

Precautionary statements (P-codes: prevention, response, storage, disposal):

Hazards not otherwise classified:

Percentage of ingredients with unknown acute toxicity, if 1% or more:

Section 3. Composition / information on ingredients

Chemical name and common names or synonyms:

CAS number and other unique identifiers:

Concentration or concentration range (%) of each hazardous ingredient:

Impurities and stabilising additives that contribute to classification:

Section 4. First-aid measures

Inhalation:

Skin contact:

Eye contact:

Ingestion:

Most important symptoms and effects, acute and delayed:

Indication of immediate medical attention and special treatment:

Section 5. Fire-fighting measures

Suitable and unsuitable extinguishing media:

Specific hazards arising from the chemical (e.g. hazardous combustion products):

Special protective equipment and precautions for firefighters:

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Environmental precautions:

Methods and materials for containment and clean-up:

Section 7. Handling and storage

Precautions for safe handling:

Conditions for safe storage, including incompatibilities:

Section 8. Exposure controls / personal protection

Occupational exposure limits (OSHA PEL, ACGIH TLV or local limits):

Appropriate engineering controls:

Eye and face protection:

Skin and hand protection (glove material):

Respiratory protection:

Section 9. Physical and chemical properties

Appearance (physical state, colour) and odour:

pH:

Melting point / freezing point:

Initial boiling point and boiling range:

Flash point:

Flammability and explosive limits:

Vapour pressure and vapour density:

Relative density:

Solubility:

Partition coefficient (n-octanol/water):

Auto-ignition and decomposition temperature:

Viscosity:

Section 10. Stability and reactivity

Reactivity:

Chemical stability:

Possibility of hazardous reactions:

Conditions to avoid:

Incompatible materials:

Hazardous decomposition products:

Section 11. Toxicological information

Likely routes of exposure:

Symptoms related to physical, chemical and toxicological characteristics:

Acute toxicity values (LD50 / LC50) and acute toxicity estimates:

Skin corrosion / irritation, eye damage / irritation:

Sensitisation, germ cell mutagenicity, carcinogenicity, reproductive toxicity:

Specific target organ toxicity (single and repeated exposure), aspiration hazard:

Section 12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available):

Persistence and degradability:

Bioaccumulative potential:

Mobility in soil:

Other adverse effects:

Section 13. Disposal considerations

Waste treatment methods:

Disposal of contaminated packaging:

Applicable waste regulations:

Section 14. Transport information

UN number:

UN proper shipping name:

Transport hazard class(es):

Packing group:

Environmental hazards (marine pollutant):

Special precautions for users:

Section 15. Regulatory information

Safety, health and environmental regulations specific to the product:

Inventory status (e.g. TSCA, REACH, other national inventories):

Section 16. Other information

Date of preparation or last revision:

Revision number and summary of changes:

Key literature references and data sources:

Abbreviations and acronyms used:

Free template from SDS Desk (sdsdesk.com). Generate a completed SDS automatically at sdsdesk.com/sds-generator.