


Understanding SDS's

How-to-guide for BASF Australian 16 Section Safety Data Sheets

Before using or selling any BASF product, please ensure that you read and understand the appropriate SDS. The BASF SDS are specific to each product and contain information on the following: hazards, handling procedures, personal and first aid measures, transportation and regulatory information, disposal considerations, etc.

The example BASF SDS displayed below, is to aid your understanding on how to read an SDS.

 **BASF**
We create chemistry

Safety data sheet

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BASF Safetydata sheet
Date / Revised: 19.12.2016
Product: **BASF Trade Name/ Product Code**

Version: 2.0
(30372720/SDS_GEN_AU/EN)
Date of print 20.12.2016

1. Substance/ preparation and company identification

BASF Trade Name/ Product Code

Manufacturer/ Supplier:
BASF Australia Limited (ABN 62 008 437 867)
Level 12, 28 Freshwater Place Southbank
Victoria 3006, AUSTRALIA
Telephone: +61 3 8855-6600
Telefax number: +61 3 8855-6511

Emergency information:
BASF Emergency Advice Number: 1800 803 440 (24h) [within Australia]
BASF Emergency Advice Number: +61 3 8855 6666 [outside Australia]

2. Hazard Identification

This section contains details of the hazards associated with the product. It has different sections of identification:
- e.g. Indication of danger, risk warnings, etc.

3. Composition/ information on ingredients

This section includes a list of ingredients contained in the product, and their concentration. It can be stated as a range of figures. Also, any specific health hazards or risk phrases are mentioned in this section. The wording of the hazard symbols and R-phrases is specified in section 16 if dangerous ingredients are mentioned.

4. First Aid Measures

This section states the necessary procedures to undertake in the event of an accident. It gives medical advice and how to assist the injured party.
Items covered are: Inhalation, Skin Contact, Eye Contact, Ingestion, etc.

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5. Fire-Fighting Measures

This section advises of the specified fire-fighting methods, procedures and protective equipment, recommended for the product in use.

6. Accidental Release Measures

This section refers to the personal, environmental and cleaning protective measures that should be undertaken and carefully considered, should spillage of the product occur.

7. Handling and Storage

This section refers to the safe handling and storage of the product and the recommended storage temperature. It mentions instructions for safe handling, fire/explosion protection, storage area requirements, combined storage information, etc.

8. Exposure Controls/ Personal Protection

This section discusses the engineering methods for the product, which involve ventilation, extraction and exposure limits. Requirements for personal protection are also mentioned.
- e.g. Sufficient use of a certified respirator, hand protection and eye protection.

9. Physical and Chemical Properties

This section is a list of the chemical properties of the product.
- e.g. Colour, Odour, pH, Density, Solubility and viscosity are a few of the characteristics mentioned.

10. Stability and Reactivity

This section describes the stability, incompatibility and the decomposition factors of the product. It also displays the conditions and substances to be avoided.

11. Toxicological Information

The results of any animal testing are indicated in this section. It describes in detail the effects the product will have on your health. It describes both the effects and the associated symptoms.

12. Ecological Information

Any environmental/ ecological testing results are communicated in this section. It discusses any potential threats to the environment, should contamination occur. Persistence and degradability are also mentioned as environmental considerations.

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13. Disposal Considerations

Specific restrictions pertaining to the disposal of the product's waste material or empty containers are discussed in this section. - e.g. It recommends to contact your local Waste Authority prior to the disposal of any waste material or empty containers.

14. Transport Information

This section provides details for safe transportation via various methods of transport. It displays the dangerous goods classification, UN number and the hazard identification number which you will need to provide to the transport company, whether it be by road, rail, sea or air.

15. Regulatory Information

Regulatory information is displayed in accordance with all National Regulations and Regulatory Bodies. The product's classification, danger symbol and all associated risk phrases for both customer and industrial use.

16. Other Information

This section can contain a variety of data which does not fit into a specific category. It contains the full text of the hazard symbols and R-phrases used in Section 3 and may include specific directives to users. - e.g. Recommended use, For multi pack systems observe material safety data sheets of all components, Restricted to professional users, etc.

Disclaimer
Vertical lines in the left hand margin indicate an amendment from the previous version.

The data contained in this Safety Data Sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.