

## Outline of SDS System

Under PRTR Law, all business operators have to supply information about designated chemical substances when they transfer or offer these chemical substances or products which contain these substances in Japan.

### Targeted Chemical Substances

Class 1 & 2 designated chemical substances (562 substances) listed below.

(Class 1) [http://www.meti.go.jp/policy/chemical\\_management/law/msds/sin1shueng.pdf](http://www.meti.go.jp/policy/chemical_management/law/msds/sin1shueng.pdf)

(Class 2) [http://www.meti.go.jp/policy/chemical\\_management/law/msds/sin2shueng.pdf](http://www.meti.go.jp/policy/chemical_management/law/msds/sin2shueng.pdf)

### Targeted business operators

All business operators have to provide information of designated chemical substances.

- \* There are no requirements regarding business categories, number of regular employees, and annual amount to handle as PRTR System.

### How to provide information

There is obligation for business operators to supply SDS and effort-obligation to supply Labelling corresponding to GHS. SDS can be provided by Fax, e-mail, and website in addition to written document or magnetic disk, with recipient's consent.

### Exemption

There is same exception which you do not need to include in the annual amount to handle.

- Products containing less than 1% of class 1 designated chemical substances (or less than 0.1% of specific class 1 designated chemical substances)
- Solid products (which do not become pulverized or granular during the handling process by business operators)
- Completely sealed products (such as batteries)
- Daily products for general consumers
- Recyclable resources

## SDS

SDS should include 16 headings as GHS.

It is effort-obligation to follow Japanese Industrial Standard (JIS Z7253) † corresponding to GHS to Provide SDS in Japan.

† JIS Z7253: Hazard communication of chemicals based on GHS - Labelling and Safety Data Sheet (SDS) -

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|--------------------------------------------------------------------|-------------------------------------|
| 1. Identification of the substances or mixture and of the supplier | 9. Physical and chemical properties |
| 2. Hazard identification                                           | 10. Stability and reactivity        |
| 3. Composition/information on ingredients*                         | 11. Toxicological information       |
| 4. First aid measures                                              | 12. Ecological information          |
| 5. Firefighting measures                                           | 13. Disposal consideration          |
| 6. Accidental release measures                                     | 14. Transport information           |
| 7. Handling and storage                                            | 15. Regulatory information          |
| 8. Exposure controls/ personal protection                          | 16. Other information               |

\*The exact concentrations of designated chemical substances should be described to two significant digits.

## Labelling

It is effort-obligation to provide Labelling following JIS Z7253 with SDS.

- Pictograms
- Signal words
- Hazard statements
- Precautionary statements
- Product identifier
- Supplier identifier



<Pictograms>