

Randis ChemWise (Shanghai) Co., Ltd.



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Randis ChemWise (Shanghai) Co., Ltd. is a company located in Shanghai of China, providing regulatory service to clients all over the world, especially service for

- New Chemical Substance registration to China IECSC
- Cosmetics registration to China FDA
- Food contact material and additive registration to GB9685
- GHS version SDS and Safety Label preparation
- China 24hr emergency hotline
- Hazardous chemical product registration to NRCC
- China chemical – related regulation consultation.

Our knowledge, your advantage!

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ICS 01.040.71; 71.040.40

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中华人民共和国国家标准
National Standard of the People's Republic of China

GB/T 17519-2013
Replacing GB/T 17519.2-2003

化学品安全技术说明书编写指南
Guidance on the compilation of safety data sheet for chemical products

Issued on Sep. 6th, 2013

Effective from Jan. 31st, 2014

Released **General Administration of Quality Supervision, Inspection and**
by: **Quarantine of the People's Republic of China**
 Standardization Administration of the People's Republic of China

Flammable liquid:	Category 2
Acute toxicity – Oral:	Category 3
Acute toxicity – Dermal:	Category 3
Acute toxicity – Inhalation:	Category 3
STOT:	Category 1
Aquatic toxicity – Acute:	Category 1

3.2.2 Label elements

When compiling this subsection, following attentions should be paid to:

- Appropriate labelling elements should be provided in accordance with the classification results.
- The provided labelling elements should be in compliance with relevant requirements in GB 20576 ~ GB 20599, GB 20601, GB 20602 and GB 15258.
- The label elements should identical to these on the chemical's safety label.

Example:

Label elements:

Pictograms:



Signal word: Danger.

Hazard statements: Extremely flammable liquid and vapor. Fatal if swallowed. Highly toxic to aquatic organisms.

Precautionary statements:

Prevention:

- Keep away from heat/sparks/open flames/hot surfaces. Use non-sparking tools and equipment.
- Keep containers sealed.
- Take appropriate measures to prevent static electricity—ground/bond containers and receiving equipments.
- Use explosion-proof electric appliances, ventilation installation, lighting equipment and other devices.
- Wear protective gloves, eye protection and face protection.
- Wash thoroughly after handling.
- Do not eat, drink or smoke in the workplace.
- Do not release into the environment.

Incident Response:

- If in contact with skin (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
- If swallowed: Induce vomiting. Immediately seek medical advice.

- Collect spills.
- In case of fire, use dry chemical, foam, carbon dioxide (CO₂) to put off the fire.

Safe Storage:

- Store in cool, well-ventilated place.
- Store locked up.

Waste Disposal:

- Incinerate the chemical or its containers.

3.2.4 Physical and chemical hazards

Information on the chemical's potential physical and chemical hazards should be briefed, e.g. risks on combustion, explosion, corrosion to metal, etc. The information given in this subsection should be corresponding to the content in Emergency Overview and Hazard Classification in Section 2, as well as to relevant information in Section 9 and 10 of the SDS.

3.2.5 Health hazards

When compiling this subsection, following attentions should be paid to:

- a) The information provided here are the adverse health effects after exposure to the chemical (including the symptoms and signs of the body after exposure, and old diseases whose situation can be aggravated by the exposure); or potential harm to human inferred from non-human study results. Supporting toxicology and epidemiology information or data should be described in Section 11: TOXICOLOGICAL INFORMATION of the SDS.
- b) The subsection should include the following elements:
 - 1) Exposure route(s) (e.g. inhalation, skin, eye, ingestion);
 - 2) Frequency and duration of exposure (e.g., one-time, repeated, lifetime);
 - 3) Severity of the harmful effect (e.g. mild, moderate, severe);
 - 4) Targeted organ(s) (e.g., liver, kidney, lung, skin, etc.);
 - 5) Type of effect (e.g., irritation, allergic skin reaction, birth defects, cancer, blood effects, etc.);
 - 6) Symptoms and signs after exposure;
 - 7) diseases whose situation can be aggravated after the exposure to the chemical;
 - 8) Interactions with other chemicals and thus its toxicity will be enhanced (e.g. methyl ethyl ketone can increase n-hexane's neurotoxicity).
- c) For mixtures, the specific components that are contributive to the hazards can be described in this section or in other sections e.g. Section 11.