

Material Safety Data Sheet

1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Name: Veratraldehyde

1.2 CAS#: 120-14-9

1.3 Recommended use of the chemical and restrictions on use

Identified uses Laboratory chemicals, Manufacture of substances.

1.4 Company:

HANGZHOU HYPER CHEMICALS LIMITED

RM 1102, 360 SPACE BULD., NO.188 HANGXING RD.

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SECTION 2: HAZARDS IDENTIFICATION

Emergency Overview

Appearance Solid form

Color white-yellow

Harmful if swallowed. Causes skin irritation. Causes serious eye irritation

Flammable liquids (Category 4)

Skin irritation (Category 2)

Eye irritation (Category 2A)

2.2 Label elements

Labelling according Regulation (EC) No 1272/20084.



Pictogram

Signal word Warning

Hazard statement(s)

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation

.

Precautionary statement(s)

Prevention

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves/ eye protection/ face protection.

Response:

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/
doctor if you feel unwell. Rinse mouth.

P302 + P352 IF ON SKIN: Wash with plenty of water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for
several minutes. Remove contact lenses, if present and easy to
do. Continue rinsing.

P332 + P313 If skin irritation occurs: Get medical advice/
attention.

P337 + P313 If eye irritation persists: Get medical advice/
attention.

P362 + P364 Take off contaminated clothing and wash it before
reuse.

Disposal:

P501 Dispose of contents/ container to an approved waste
disposal plant.

Physical and chemical hazards

Not classified based on available information.

Health hazards

Harmful if swallowed. Causes skin irritation. Causes serious eye
irritation.

Environmental hazards

Not classified based on available information.

Other hazards which do not result in classification

None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms : Veratraldehyde

Formula : -

Molecular Weight : -

CAS-No. : 120-14-9

EINECS No.:204-373-2

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

Use water spray to cool unopened containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions

Wear suitable protective equipment.

Keep people away from and upwind of spill/leak.

Entry to non-involved personnel should be controlled around the leakage area by roping off, etc.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust.

SECTION 7. HANDLING AND STORAGE

7.1 Technical measures

Prevent dispersion of dust.

7.2 Local/Total ventilation

Ensure adequate ventilation. Use a local exhaust ventilation

7.3 Advice on safe handling

Avoid contact with skin, eyes and clothing.

Wear personal protective equipment.

Wash hands and face thoroughly after handling.

7.4 Avoidance of contact

Oxidizing agents, Strong bases

7.5 Storage

Conditions for safe storage

Keep container tightly closed.

Store in a cool and shaded area.

Keep under inert gas.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

a) Appearance Form: Solid , Color: white-yellow or amber

b) Odour no data available

c) Odour Threshold no data available

d) pH no data available

e) Melting point/freezing point 43° C

f) Initial boiling point 281° C

g) Flash point no data available

h) Evaporation rate no data available

i) Flammability (solid, gas) no data available

j) Upper/lower

flammability or explosive limits no data available

- k) Vapour pressure no data available
- l) Vapour density no data available
- m) Relative density no data available
- n) Water solubility no data available
- o) Partition coefficient: 1.22
- p) Autoignition temperature no data available
- q) Decomposition temperature no data available
- r) Viscosity no data available

9.2 Other safety information

no data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity no data available

Chemical stability: Stable under normal conditions.

Conditions to avoid: Exposure to air.

Incompatible materials: Oxidizing agents, Strong bases

Hazardous decomposition products- : Carbon monoxide, Carbon dioxide (CO₂)

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Assessment: The component/mixture is moderately toxic after single

Components:

3,4-Dimethoxybenzaldehyde:

Acute oral toxicity:

LD50 (Rat): 2 g/kg

LD50 (Rabbit): > 5 g/kg

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects

Inhalation May be harmful if inhaled. May causes respiratory tract irritation.

Ingestion May be harmful if swallowed.

Skin May be harmful if absorbed through skin. Causes skin irritation.

Eyes Causes eye irritation

RTECS No.: YX5088000 (3,4-Dimethoxybenzaldehyde)

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

no data available

12.2 Persistence and degradability

no data available

12.3 Bioaccumulative potential

Components: 3,4-Dimethoxybenzaldehyde

Partition coefficient: noctanol/water 1.22

Mobility in soil

No data available

Other adverse effects No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Waste from residues: Disposal in accordance with local and national regulations.

Entrust disposal to a licensed waste disposal company.

Contaminated packaging: Disposal in accordance with local and national regulations.

Before disposal of used container, remove contents completely.

SECTION 14. TRANSPORT INFORMATION

14.1 UN number

Not applicable

14.2 UN proper shipping name

Not applicable

Class: Not applicable

Subsidiary risk: Not applicable

Packing group: Not applicable

SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

SECTION 16.OTHER INFORMATION

Statement: This chemical security data instruction booklet contains the information to Our company to be able to gain most exhaustive and the accurate information at present, we already by might and main caused the information which in this instruction booklet contains to be as far as possible accurate, but what must point out is we cannot make any guarantee for the data sheet,if you suffer loss because of these information , Hangzhou Hyper Chemicals Limited company will not take any responsibility, the user must act according to own specific use to decide this information the serviceability.

