

SAFETY DATA SHEET

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Version: 1.0

Issue date: 20240524

Section 1. Product and Company Identification

Product name : 2-butenal;crotonaldehyde;crotonic aldehyde;β-methyl acrolein

Manufacturer/Supplier

Company : Cairui Chemical technology (Shanghai) Co.,LTD
Address : Room J4343, Building 4, Area B, No. 925, Yecheng Road, Jiading District, Shanghai

Telephone : 021-69110391
E-mail : service@51ghs.com

Emergency telephone number of the company : 021-69110391

Recommended use of the chemical and restrictions on use

Recommended Uses : /

Section 2. Hazards Identification

GHS classification of the product

Flammable liquid	Category2
Acute Toxicity-Oral	Category3
Acute Toxicity--Dermal	Category3
Acute Toxicity---	Category2
Inhalation	
Skin corrosion/ irritation	Category2
Serious eye damage/irritation	Category1
Germ cell mutagenicity	Category2
Specific target organ toxicity (single exposure)	Category3
Specific target organ toxicity - Repeated exposure	Category2
Hazardous to the aquatic environment (Acute)	Category1
Hazardous to the aquatic environment (Long-term)	Category1

Label elements

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Pictogram



Signal word

Danger

Hazard statement

Highly flammable liquid and vapour
Toxic if swallowed
Toxic in contact with skin
Fatal if inhaled
Causes skin irritation
Suspected of causing genetic defects
May cause damage to organs through prolonged or repeated exposure
Very toxic to aquatic life
Very toxic to aquatic life with long lasting effects

Precautionary statements

Prevention

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Ground and bond container and receiving equipment.
Use explosion-proof [electrical/ventilating/lighting] equipment.
Use non-sparking tools.
Take action to prevent static discharges.
Wear protective gloves/protective clothing/eye protection/face protection.
Wash exposed skin thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear protective gloves/protective clothing.
Do not breathe dust/fume/gas/mist/ vapours/spray.
Use only outdoors or in a well-ventilated area.
[In case of inadequate ventilation] wear respiratory protection.
Wear protective gloves.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Avoid release to the environment.

Response

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
In case of fire: Use carbon dioxide, dry powder fire extinguisher to extinguish.
IF SWALLOWED: Immediately call a POISON CENTER/doctor. Specific treatment (see section 4 on this SDS).
Rinse mouth.
IF ON SKIN: Wash with plenty of water.
Call a POISON CENTER/doctor if you feel unwell.

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Take off immediately all contaminated clothing and wash it before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Specific treatment is urgent (see section 4 on this SDS).
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
IF exposed or concerned: Get medical advice/attention.
Get medical advice/attention if you feel unwell.
Collect spillage.

Storage
Store in a well-ventilated place.
Keep cool.
Store locked up.
Store in a well-ventilated place.Store locked up.

Disposal
Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3. Composition / Information on Ingredients

Chemical nature	:	substance
Components	CAS No.	Concentration
2- butenal;crotonaldehyde; crotonic aldehyde;β- methyl crotonaldehyde	4170-30-3	> 99%

Parts 1-3 listed in this (M)SDS are compiled based on the hazardous chemical information table of the China Hazardous Chemicals Catalogue (2015 Edition). It is only applicable to mainland China. As national regulations and standards will continue to be updated, parts 4-16 need to be compiled separately by us.

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- 4. GHS label production (36 languages).

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