

振隆國際私人有限公司

CLP INTERNATIONAL PTE LTD

ROC NO: 200107294-D

Page 1 of 5

SAFETY DATA SHEET

CN FLEX 1000

EFFECTIVE DATE: 15 JUNE 2021

Doc. No: CLP/TCH/SDS/P195 REV 00

1. IDENTIFICATIONS OF THE CHEMICAL PRODUCT AND THE COMPANY UNDERTAKING

Product Name : CN FLEX 1000

Recommended Use and Restrictions of Use : Bonding agent for cement mortar or cementitious product

Company Identifications : CLP International Pte Ltd
No. 2, Tanjong Penjuru
Singapore 609017
Tel : +65 6265 2788
Fax: +65 6265 7501

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture:

GHS Classification : The product does not meet the criteria for classification

GHS Label Elements:

Pictograms : Not available
Signal Word : Not available
Hazards Statements : Not available
Precautionary Statements : Not available

Other Hazards:

No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

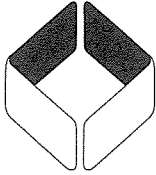
Mixtures:

Composition	CAS No.	%W/W
2-methylisothiazol-3(2H)-on	2682-20-4	<0.003%
1,2-benzisothiazol-3(2H)-on	2634-33-5	<0.003%
Magnesium Nitrate	10377-60-3	<0.006%
Reaction mass of:5-chloro -2-methyl-4-iso-thiazolin-3-one and 2-methyl-2H-isothiazol-3-one	55965-84-9	0.003%
Copper Dinitrate	3251-23-8	<0.002%

4. FIRST AID MEASURES

Eye Contact : Rinse immediately with plenty of water, also under eyelids for at least 15 minutes. Remove contact lenses. Continue rinsing. Get medical attention if irritation develops or persists.

Skin : Rinse with water and soap. Get medical attention if irritation develops and persists.



振隆國際私人有限公司

CLP INTERNATIONAL PTE LTD

ROC NO: 200107294-D

Page 2 of 5

SAFETY DATA SHEET

CN FLEX 1000

EFFECTIVE DATE: 15 JUNE 2021

Doc. No: CLP/TCH/SDS/P195 REV 00

- Inhalation** : Remove person to fresh air. Get medical attention if irritation develops or persists.
- Ingestion** : Do not induced vomiting. Rinse mouth with water. Get medical attention if irritation develops or persists.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Water spray, foam, dry chemical powder and carbon dioxide.

Special Hazards Arising From the Substance or Mixture:

This product will not burn until water has evaporated.

Special Protective Equipment and Precautions for Firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Refer to protective measures listed in sections 7 and 8.

Environmental Precautions:

Avoid discharge into drains, water courses or onto the ground

Methods and Materials for Containment and Cleaning Up:

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations. Flush away traces with water.

For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

7. HANDLING AND STORAGE

Precautions for Safe Handling:

Handle in accordance with good industrial hygiene and safety practice. Use with adequate ventilation. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

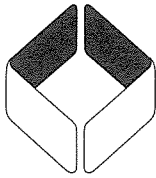
Storage:

Keep in a cool, well-ventilated place. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION / ENGINEERING CONTROLS:

Exposure limits in the air of the workplace, biological limit values:

No data available



振隆國際私人有限公司

CLP INTERNATIONAL PTE LTD

ROC NO: 200107294-D

SAFETY DATA SHEET

CN FLEX 1000

EFFECTIVE DATE: 15 JUNE 2021

Doc. No: CLP/TCH/SDS/P195 REV 00

Appropriate engineering controls:

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Provide eyewash stations.

Personal Protective Equipment (PPE):

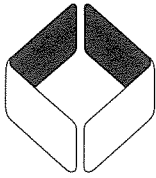
Skin and Body : Recommended to wear rubber glove and apron when handling this product
Eyes : Safety glasses (with side shields)
Respiratory : In case of insufficient ventilation, wear suitable respiratory equipment.
Hygiene Measures : Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Milky White Liquid
Odor : Mild
Odor Threshold : No data available
pH : ~ 6
Initial Boiling Point And Boiling Range : 100°C
Freezing Point : 0°C
Flash Point : No data available
Evaporation Rate : No data available
Flammability (Solid, Gas) : No data available
Auto-Ignition Temperature : No data available
Decomposition Temperature : No data available
Explosion Limits : No data available
Vapour Pressure : No data available
Vapour Density : No data available
Density : ~ 1.00 g/ml (28 °C)
Solubility(ies) : No data available
Partition Coefficient :
- N-Octanol/ Water : No data available
Dynamic Viscosity : approx. 750 cps @ 28°C
Explosive Properties : No data available
Oxidising Properties : No data available

10. STABILITY AND REACTIVITY

Chemical Stability : Stable under recommended storage conditions
Possibility of Hazardous Reactions : None known under normal use and processing
Conditions to Avoid : None known
Incompatible Materials : None known
Hazardous Decomposition Products : When water evaporated, polymer can burn and produce carbon monoxide and carbon.
Polymerization : Hazardous polymerization does not occur



振隆國際私人有限公司

CLP INTERNATIONAL PTE LTD

ROC NO: 200107294-D

Page 4 of 5

SAFETY DATA SHEET

CN FLEX 1000

EFFECTIVE DATE: 15 JUNE 2021

Doc. No: CLP/TCH/SDS/P195 REV 00

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute Toxicity	: Not classified
Serious eye damage/irritation	: Not classified
Skin corrosion/ irritation	: Not classified
Skin/Respiratory sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity—single exposure	: Not classified
Specific target organ toxicity—repeated exposure	: Not classified
Aspiration Hazard	: Not classified

12. ECOLOGICAL INFORMATION

Aquatic Toxicity:

No data available

Mobility in Soil:

No data available

Bio accumulative potential:

No data available

Persistence/degradability:

No data available

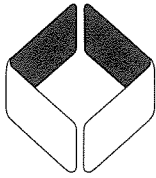
Results of PBT and vPvB assessment:

No data available

13. DISPOSAL CONSIDERATIONS

Product

Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers.



振隆國際私人有限公司

CLP INTERNATIONAL PTE LTD

ROC NO: 200107294-D

SAFETY DATA SHEET

CN FLEX 1000

EFFECTIVE DATE: 15 JUNE 2021

Doc. No: CLP/TCH/SDS/P195 REV 00

14. TRANSPORT INFORMATION

UN Number	:	Not Regulated As Dangerous Goods For Transport
UN Proper Shipping Name	:	Not Regulated As Dangerous Goods For Transport
Packing Group	:	Not Regulated As Dangerous Goods For Transport
Class	:	Not Regulated As Dangerous Goods For Transport
Marine Pollutant	:	No

15. REGULATORY INFORMATION

Applicable National Regulations:

- 1) Standards on Hazard communication for hazardous chemicals and dangerous goods
 - SS 586: Part 1: 2014-Transport and storage of dangerous goods
 - SS 586: Part 2: 2014-GHS of classification and labelling of chemicals
 - SS 586: Part 3: 2008(2014)-Preparation of safety data sheet
- 2) MOM: Workplace Safety and Health Act & Workplace Safety and Health (General Provisions) Regulations
 - This product is subject to SDS, labelling, PEL and other requirements in the Acts/Regulations
- 3) NEA: Environmental Protection and Management Act & Environmental Protection and Management (Hazardous Substances) Regulations
 - This product is not subjected to control under this Acts/Regulations
- 4) SCDF: Fire Safety Act & Fire Safety (Petroleum and Flammable Materials) Regulations
 - This product is not subjected to the requirement of this Acts/Regulations

16. OTHER INFORMATION

The information is based on our present knowledge. However, this shall not constitute a guarantee for any product features and shall not establish a legally valid contractual relationship. Final determination of suitability of any material is the sole responsibility of the user. All material may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist