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Material Safety Data Sheet

1. Product and Company Identification

Product name :CEMEDINE Super X No.8008 White 170g
Name of supplier :CEMEDINE CO.,LTD.
Address :Gate City Osaki East Tower 1-11-2 Osaki Shinagawa-ku , Tokyo-to
Division :Quality Assurance Dept.
Phone :03-6421-7413
FAX :03-6421-7416
Emergency phone :03-6421-7413
Product code(MSDS NO) :GE0174-3

2. Hazards Identification

GHS classification and label elements of the product
GHS classification
HEALTH HAZARDS
Acute toxicity Oral : Category 3
Reproductive toxicity : Category 1B
ENVIRONMENT HAZARDS
Hazardous to the aquatic environment-acute toxicity : Category 3
Hazardous to the aquatic environment-chronic toxicity : Category 3



Signal word : Danger
HAZARD STATEMENT
Toxic if swallowed.
May damage fertility or the unborn child
Harmful to aquatic life
Harmful to aquatic life with long lasting effects
PRECATIONARY STATEMENT
Prevention
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wash contaminated parts thoroughly after handling.
Do not eat, drink or smoke when using this product.
Avoid release to the environment (- if this is not the intended use).
Use personal protective equipment as required.
Response
Rinse mouth.
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
IF exposed or concerned: Get medical advice/attention.
Storage
Store locked up.
Disposal
Dispose of contents/container in accordance with local/national regulation.
Specific danger/hazard

3. Composition/Information on Ingredients

Substance/Preparation :Preparation

Chemical identity: Silyl-modified polymer base,elastic adhesive.

Ingredient name	content(%)	CAS No.	Chemicals No, Japan
Silicone modified polymer	70-80	CBI/not registered	CBI/not registered
Hydrocarbon resin	10-20	CBI/not registered	CBI/not registered
Silica	1-10	CBI/not registered	CBI/not registered
Paraffin	1-5	CBI/not registered	CBI/not registered
di-sec-octyl phthalate	1.4	117-81-7	(3)-1307
Organic tin compound	0.1-5	CBI/not registered	CBI/not registered

Note : The figures shown above are not the specifications of the product.

Components contributing to the hazard

Harmful Substances to be noticed, ISH Law Japan

Silica , di-sec-octyl phthalate , Organic tin compound

Harmful Substances listed in PRTR Law, Japan

di-sec-octyl phthalate

4. First-Aid Measures

General procedures

IF exposed or concerned: Get medical attention/advice.

IF INHALED

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

If experiencing respiratory symptoms call a POISON CENTER or doctor/physician.

IF ON SKIN

Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice/attention.

IF IN EYES :

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

IF SWALLOWED

Rinse mouth.

Immediately call a POISON CENTER or doctor/physician.

5. Fire-Fighting Measures

Suitable extinguishing media

In case of fire, usefoam, dry powder, CO2

Special protective equipment and precautions for fire-fighters

Wear fire/flame resistant/retardant clothing.

6. Accidental Release Measures

Personnel precautions, protective equipment and emergency procedures

Keep away from sources of ignition. Avoid contact with skin, eyes and clothing.

Preventive measures for secondary accident

Collect spillage.

7. Handling and Storage

Precautions for safe handling

Preventive measures

(Exposure Control for handling personnel)

Use personal protective equipment as required.

Safety Measures/Incompatibility

Obtain special instructions before use.

Conditions for safe storage, including any incompatibilities

Recommendation for storage

Store locked up.

STORAGE TEMPERATURE (min/Max): 5-35C

8. Exposure Control/Personal Protection

Adopted value

(di-sec-octyl phthalate)

JSOH(1995) 5mg/m3

(di-sec-octyl phthalate)

ACGIH(1996) TWA: 5mg/m3 (LRT irr)

(Organic tin compound)

ACGIH(1992) TWA: 0.1mg-Sn/m3

STEL: 0.2mg-Sn/m3 (Skin)(Pneumoconiosis; eye & URT irr; headache; nausea)

Report required substances, mhlw Japan

di-sec-octyl phthalate

Protective equipment

Hand protection

Wear protective gloves.

Eye protection

Wear eye/face protection.

Skin and body protection

Wear protective clothing.

Safety and Health measures

Wash ... thoroughly after handling.

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

9. Physical and Chemical Properties

Physical properties

Appearance :paste

Color :semi-clear pale yellow

Flash point :240℃

Specific gravity/Density :1.27 g/cm^3

10. Stability and Reactivity

Stability

This product is considered a stable material under normal condition.

11. Toxicological Information

Symptoms related to the physical, chemical and toxicological characteristics

Acute toxicity

Oral toxicity component(s) data

(Organic tin compound)
rat LD50=44.9mg/kg (CERI hazard data 2001-67 (2002))
Labor standard law, Japan; Toxic
Organic tin compound

Irritant properties
Skin corrosion/Irritation component(s) data
(di-sec-octyl phthalate)
rabbit 500 mg/24H ; MILD
(Organic tin compound)
rabbit 500 mg/24H ; MILD

Serious eye damage /irritation
Eye damage/irritation component(s) data
(di-sec-octyl phthalate)
rabbit 500 mg/24H ; MILD
(Organic tin compound)
rabbit 100 mg/24H ; MODERATE

Carcinogenic effects
(di-sec-octyl phthalate)
IARC-Gr.3 ; Not Classifiable as a Human Carcinogen.
(di-sec-octyl phthalate)
ACGIH-A3(1996) : Confirmed Animal Carcinogen with Unknown Relevance to Humans
(Organic tin compound)
ACGIH-A4(1992) : Not Classifiable as a Human Carcinogen
(di-sec-octyl phthalate)
JCIH-2B; Insufficient Evidence of Carcinogenicity for Humans
(di-sec-octyl phthalate)
EPA-Group B2; Probable Human Carcinogen(1986)
(di-sec-octyl phthalate)
NTP-Reasonably Anticipated To Be Human Carcinogen

Toxicity for reproduction
(di-sec-octyl phthalate) ID183(2006), CERI/NITE hazard assessment No.7 (2004)
(Organic tin compound) ID427(2006)

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12. Ecological Information

Ecotoxicity

Acuatic toxicity
Harmful to aquatic life
Harmful to aquatic life with long lasting effects
(di-sec-octyl phthalate)
Crustacea(Daphnia magna) EC50=0.133mg/L/48hr (EU-RAR, 2001)
(Organic tin compound)
Crustacea(Daphnia magna) EC50=0.94mg/L/24hr (CERI, 2002)

Water solubility
(di-sec-octyl phthalate)
none (ICSC, 2001)
(Organic tin compound)
none (ICSC, 1994)

Persistence and degradability
(di-sec-octyl phthalate)
BOD_Degradation : 69%(Registered chemicals safty check & review data, Japan)
(Di-2-ethylhexyl phthalate) : BOD_Degradation : 69%(Registered chemicals safty check & review data, Japan)

Bioaccumulative potential

(di-sec-octyl phthalate)
log Pow=5.03 (ICSC, 2001) ; BCF=29.7(Check & Review, Japan)
(Organic tin compound)
BCF=69(Check & Review, Japan)

13. Disposal Considerations

Waste residues

Avoid release to the environment (- if this is not the intended use).
Dispose of contents/container in accordance with local/national regulation.

14. Transport Information

UN No, UN CLASS

PG :III
Not applicable to UN NO.

Sea pollutant

Pollutant

Noxious Liquid ; Cat. Yequiv :di-sec-octyl phthalate

Special precautions in connection with trasport or conveyance

15. Regulatory Information

The product is not applicable to Toxic/harmful substances control law, Japan

Industrial Safety and Health law, Japan

Chemical name et al should be informed :

Silica; Organic tin compound; di-sec-octyl phthalate

PRTR law, Japan

Listed chemicals Gr.1 :

di-sec-octyl phthalate

Fire protection law, Japan

Petroleums Gr.4(ClassⅢ)

16. Other Information/References

JAIA F☆☆☆☆

Reference No.000905

JAIA 4VOC

Reference No.401531

Reference Book

Recommendations on the TRANSPORT OF DANGEROUS GOODS 16th edit. UN
Classification, labelling and packaging of substances and mixtures (reg.(EC) No 1272/2008)
2008 EMERGENCY RESPONSE GUIDEBOOK(US DOT)
2009 TLVs and BEIs. (ACGIH)
http://monographs.iarc.fr/monoeval/grlist.html
JIS Z 7250 2005
Supplier's SDS

Other information

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.