

CE62

SAFETY DATA SHEET

1 Product and company identification

Name of chemical (Product name): CE62

Manufacturer : Momentive Performance Materials Japan LLC
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2 Hazard(s) identification

GHS classification:

Health Hazards	Skin Corrosion/Irritation	Category 1C
	Serious Eye Damage/Eye Irritation	Category 1
	Skin sensitizer	Category 1
	Germ Cell Mutagenicity	Category 2
	Toxic to reproduction	Category 1B
	Toxic to reproduction	Category 1B
	Specific Target Organ Toxicity - Single Exposure	Category 1
Environmental Hazards	Specific Target Organ Toxicity - Repeated Exposure	Category 1
	Acute hazards to the aquatic environment	Category 1
	Chronic hazards to the aquatic environment	Category 1

GHS label elements

Symbol(s):



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Signal Word: Danger

Hazard Statement(s): Causes severe skin burns and eye damage.
May cause an allergic skin reaction.
May damage fertility or the unborn child.
Suspected of causing genetic defects.
Causes damage to organs.
Causes damage to organs through prolonged or repeated exposure.
Very toxic to aquatic life with long lasting effects.

**Precautionary Statements
Prevention:**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear protective gloves. Wear eye protection/face protection. Wear protective clothing. Avoid release to the environment. Do not breathe vapors. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

Response :

Collect spillage. Get medical advice/attention if you feel unwell. IF exposed: Call a POISON CENTER/doctor. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. Wash contaminated clothing before reuse. IF ON SKIN: Wash with plenty of 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.

Storage: Store locked up.

Disposal: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Other hazards which do not result in GHS classification: None.

Main symptoms and emergency overview

Main symptoms: No data available.

Emergency Overview : No data available.

3 Composition/information on ingredients

Chemical nature: Catalyst

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Mixtures

Chemical Identity	CAS number	Concentration*
Dibutyltin Dilaurate (19% as Tin)	77-58-7	46%

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4 First-aid measures

- Inhalation:** Move to fresh air. If respiratory problems, artificial respiration/oxygen. Get medical attention.
- Eye contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention without delay, preferably from an ophthalmologist.
- Skin Contact:** Remove contaminated clothing immediately and wash skin with soap and water. Wash contaminated clothing before reuse. Get medical attention promptly if symptoms occur after washing.
- Ingestion:** If swallowed, do NOT induce vomiting. Give a glass of water. Do not give victim anything to drink if he is unconscious. Get medical attention immediately.

Most important symptoms/effects, acute and delayed

- Symptoms:** No data available.
- Hazards:** No data available.

5 Fire-fighting measures

- Extinguishing media:** Extinguish with foam, carbon dioxide or dry powder.
- Unsuitable extinguishing media:** No data available.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures:** Keep unprotected persons away. Remove sources of ignition. Use personal protective equipment. Keep upwind.
- Environmental Precautions:** Do not allow runoff to sewer, waterway or ground.
- Methods or materials for containment and cleaning up:** Put in an empty container for recovery after preventing spill by sand or sandbags, if the amount of spill is large. Put in an empty container for recovery after wiping or soaking up in an inert material, if the amount of spill is small.

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Prevention of secondary hazards: No data available.

7 Handling and storage

Handling

Technical measures (e.g. Local and general ventilation): Provide adequate general and local exhaust ventilation. Provide eyewash station and safety shower.

Safe handling advice: Remove sources of ignition.

Contact avoidance measures: General (mechanical) room ventilation is expected to be satisfactory if handled at low temperatures or in covered equipment.

Hygiene measures: General (mechanical) room ventilation is expected to be satisfactory if handled at low temperatures or in covered equipment.

Storage

Safe storage conditions: Store in a dark, cool place indoors, with container tightly closed. Store in a dark, cool place indoors, with container tightly closed.

Safe packaging materials: No data available.

8 Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits:
 None known.

Personal protective equipment (ppe)

Respiratory Protection: Gas mask with organic vapor canister and dust and mist filter. (in case of higher concentration) Self-contained breathing apparatus (EN 133)

Eye Protection: Wear approved safety goggles. Face shield

Hand Protection: No data available.

Skin and Body Protection: Safety shoes Wear suitable protective clothing, gloves and eye/face protection.

9 Physical and chemical properties

Appearance

Physical state: liquid

Form: liquid

Color: Red

Odor: Faint

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Odor threshold:	No data available.
pH:	No data available.
Melting point/freezing point:	0 °C
Initial boiling point and boiling range :	No data available.
Flash Point:	> 110 °C
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Upper/lower limit on flammability or explosive limits	
Flammability limit - upper (%):	No data available.
Flammability limit - lower (%):	No data available.
Explosive limit - upper (%):	No data available.
Explosive limit - lower (%):	No data available.
Vapor pressure :	No data available.
Density:	No data available.
Vapor density:	No data available.
Relative density:	No data available.
Solubility(ies)	
Solubility in water:	Dispersible
Solubility (other):	No data available.
Partition coefficient (n-octanol/water) Log Pow:	No data available.
Auto-ignition temperature:	Not applicable Not applied
Decomposition temperature:	No data available.
SADT:	No data available.
Viscosity, dynamic:	No data available.
Viscosity, kinematic:	No data available.

10 Stability and reactivity

Reactivity:	No dangerous reaction if used as recommended.
Chemical Stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	Hazardous polymerisation does not occur.
Conditions to avoid:	No data available.
Incompatible Materials:	Reacts with water liberating small amounts of methanol. Avoid contact with acids and oxidizing substances.

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Hazardous Decomposition Products:

Carbon dioxide Silicon dioxide. Formaldehyde. This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300 degrees Fahrenheit (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard. A MSDS for formaldehyde is available from Momentive.

11 Toxicological information

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral

Product: LD 50 (Rat: 2,070 mg/kg)
Specified substance(s):
 Dibutyltin Dilaurate (19% as Tin) LD 50 (Rat, male and female): 2,071 mg/kg (OECD-Guideline 401 (Acute Oral Toxicity)) Not classified Slightly toxic

Dermal

Product: No data available.
Specified substance(s):
 Dibutyltin Dilaurate (19% as Tin) LD 50 (Rat: >> 2,000 mg/kg (OECD-Guideline 402 (Acute Dermal Toxicity)) Semi-occlusive

Inhalation

Product: No data available.
Specified substance(s):
 Dibutyltin Dilaurate (19% as Tin) LC50 (Rat, 2.00 h): ca. 10 mg/l (No data available.)

Repeated dose toxicity

Product: No data available.

Skin Corrosion/Irritation

Product: No data available.
Specified substance(s):
 Dibutyltin Dilaurate (19% as Tin) No data available. (Rabbit): Severe skin irritation.

Serious Eye Damage/Eye Irritation

Product: No data available.
Specified substance(s):
 Dibutyltin Dilaurate (19% as Tin) OECD Test Guideline 405 (Rabbit, 21 d): Strongly irritating.

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Respiratory or Skin Sensitization

Product: No data available.

Carcinogenicity

Product: No data available.

Japan Society for Occupational Health: Carcinogen :

No carcinogenic components identified

Japan. ISHL Designated Carcinogen:

No carcinogenic components identified

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogenic components identified

Germ Cell Mutagenicity

In vitro

Product: No data available.

In vivo

Product: No data available.

Reproductive toxicity

Product: No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Aspiration Hazard

Product: No data available.

Other effects:

Contains dibutyl tin dilaurate which may cause birth defects and reproductive effects based on animal data.

12 Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment

Fish

Product: No data available.

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Aquatic Invertebrates

Product: No data available.
Specified substance(s):
Dibutyltin Dilaurate (19% as Tin) EC50 (Daphnia magna, 48 h): < 0.463 mg/l Fresh water

Chronic hazards to the aquatic environment

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

Persistence and Degradability

Biodegradation

Product: No data available.

BOD/COD Ratio

Product: No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.

Partition Coefficient n-octanol / water (log Kow)

Product: No data available.

Mobility

Mobility in soil: No data available.

Known or predicted distribution to environmental compartments

Dibutyltin Dilaurate (19% as Tin) No data available.

Hazardous to the ozone layer: No data available.

Other adverse effects: No data available.

13 Disposal considerations

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Disposal methods: This product falls under Industrial Waste based on Wastes Disposal and Public Cleansing Law. Dispose of in accordance with this law and local regulations.

Contaminated Packaging: No data available.

14 Transport information

International regulations

IMDG - International Maritime Dangerous Goods Code

UN Number	UN1760
Proper Shipping Name	CORROSIVE LIQUID, N.O.S.(Dibutyltin Dilaurate)
Class	8
Packing Group	III
Label(s)	8
Subsidiary risk label	
Marine Pollutant	Yes
EmS No.	F-A; S-B

IATA

UN Number:	UN 1760
Proper Shipping Name:	Corrosive liquid, n.o.s.(Dibutyltin Dilaurate)
Transport Hazard Class(es):	
Class:	8
Label(s):	8
Packing Group:	III
Environmental Hazards:	Environmentally hazardous
Marine Pollutant:	Yes

National Regulations

Domestic Standard: In compliance with domestic law.

15 Regulatory information

Law concerning Pollutant Release and Transfer Register

PRTR and Promotion of Chemical Management Law, new regulated substances (Cabinet Order No. 356, 2008):

Specified Class 1 substance(s): Not applicable

Class 1 Substance(s): Organic tin compound, (cabinet order no 239)**Class 2 Substance(s):** Not applicable

Industrial Safety and Health Act:

Article 57-2 Regulated Substance(s): Tin and its compounds,

Article 57 Regulated Substance(s) subject to labeling: Tin and its compounds,

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ISHL Organic Solvents

Not applicable

ISHL Designated or Specified Chemical Substances

Not applicable

Poisonous and Deleterious Substances Control Act:

Specified poisonous substance(s):

Main law: Not applicable

Cabinet order: Not applicable

Poisonous Substance(s): Main

law: Not applicable **Cabinet**

order: Not applicable

Deleterious Substance(s): Main

law: Not applicable **Cabinet**

order: Not applicable

High Pressure Gas Safety Law

Not applicable

Fire Service Law:

Not applicable

Japan CSCL: Priority Assessment Chemical Substances: Not applicable

Act on Prevention of Marine Pollution and Maritime Disaster: Not applicable

Inventory Status

Australia AICS:	Not in compliance with the inventory.	Remarks: None.
Canada DSL Inventory List:	Not in compliance with the inventory.	Remarks: None.
EINECS, ELINCS or NLP:	Not in compliance with the inventory.	Remarks: None.
Japan (ENCS) List:	On or in compliance with the inventory	Remarks: None.
China Inv. Existing Chemical Substances:	On or in compliance with the inventory	Remarks: None.
Korea Existing Chemicals Inv. (KECI):	Please contact your supplier for further information on the inventory status of this material.	Remarks: Low Volume Exemption
Canada NDSL Inventory:	Not in compliance with the inventory.	Remarks: None.
Philippines PICCS:	On or in compliance with the inventory	Remarks: None.
US TSCA Inventory:	Not in compliance with the inventory.	Remarks: None.
New Zealand Inventory of Chemicals:	Not in compliance with the inventory.	Remarks: None.
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory	Remarks: None.

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16 Other Information

Revision Information: ARGLO_INVSTS
Issue Date: 09/27/2018
SDS No.:
Disclaimer:

Notice to reader

This material is developed and manufactured for industrial applications only. For medical or other special applications, use after performing safety testing on the product and confirming safety. Never use for human applications such as implant, impregnation, or where a residue may possibly remain in the body.

Further Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Literature Reference : No data available.