

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Trade name : CE62-R

Product Code : 000000032210

Manufacturer/Importer/ : Momentive Performance Materials LLC
Distributor Information : DC Products Pty Limited
Unit 117 45 Gilby Road
Mount Waverley 3149 Australia

Contact person : Viren Kumar

Telephone : +61 3 95588898

Emergency telephone number
Supplier : 61 418 529 118

2. HAZARDS IDENTIFICATION

GHS classification: Explosives;
Not classified Flammable gas; Not applicable Flammable aerosol; Not applicable Oxidizing gases; Not applicable
Gases under pressure; Not applicable
Flammable liquids; Classification not possible
Flammable solid; Not applicable
Self-reactive substances and mixtures; Not classified
Pyrophoric liquids; Not classified
Pyrophoric solids; Not applicable
Self-heating substances and mixtures; Not classified
Substances and mixtures, which in contact with water, emit flammable gases; Not classified
Oxidizing liquids; Not classified
Oxidizing solids; Not applicable
Organic peroxides; Not classified
Corrosive to metals; Classification not possible
Acute toxicity; Category 5; Oral
Acute toxicity; Category 3; Dermal
Acute toxicity; Not applicable; Inhalation - gas
Acute toxicity; Classification not possible; Inhalation - vapour
Acute toxicity; Classification not possible; Inhalation - dust and mist
Skin corrosion/irritation; Category 1C
Serious eye damage/eye irritation; Category 1
Respiratory sensitizer; Classification not possible
Skin sensitizer; Category 1
Germ cell mutagenicity; Category 2
Carcinogenicity; Classification not possible
Toxic to reproduction; Category 1B
Specific target organ toxicity - single exposure; Category 1
Specific target organ toxicity - repeated exposure; Category 1

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Aspiration hazard; Classification not possible
Acute hazards to the aquatic environment; Category 2
Chronic hazards to the aquatic environment; Category 2

GHS-Labeling:

Signal words : danger

Hazard statements : Toxic in contact with skin. May be harmful if swallowed. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Suspected of causing genetic defects. May damage fertility or the unborn child. Causes damage to organs. Causes damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

Precautionary statement:

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

Precautionary Statement - Response : IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician. Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Collect spillage.

Precautionary Statement - Storage : Store locked up.

Precautionary Statement - Disposal : Dispose of contents/container to an approved incineration

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Mixture

Chemical nature

Catalyst

Hazardous Component(s)

Chemical name	CAS-No.	ENCS No.	KECI No.	Concentration %
Tin and its compounds	Trade secret	(2)-2330	Trade secret	14.0

Industrial Safety and Health Law

Chemical name

Tin and its compounds

Cabinet Order Number:

322

Pollutant Release and Transfer Register

Chemical name	Class	Number	RQ	Concentration limit	Concentration
Organic tin compound	Class 1	239	1 t		14.0 % (2.7% as Tin)

4. FIRST AID MEASURES

- Inhalation : "If inhaled, move victim to fresh air and seek medical attention."
- Skin contact : Wash with plenty of soap and water. Get medical attention promptly if symptoms occur after washing.
- Eye contact : Flush thoroughly with water for at least 15 minutes. Get medical assistance.
- 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 if any discomfort continues.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Extinguish with foam, carbon dioxide or dry powder.
- Special Fire Fighting Procedures : Remove sources of combustibles. Extinguish the fire using fire-fighting media listed above. Cool surrounding tanks, buildings and so on by spraying with water to prevent the fire extension. The fire fighting should be done from the windward side, with suitable respiratory protective device, if necessary.

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- Personal precautions, protective equipment and emergency procedures : Keep unprotected persons away. Remove sources of ignition. Use personal protective equipment. Keep upwind.
- Environmental precautions : Avoid discharge into drains, water courses or onto the ground.
- Methods for 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.

7. HANDLING AND STORAGE**Handling**

- Advice on safe handling : "Wear eye, hand and respiratory protection when in handling." Use only in well-ventilated areas.

Storage

- Requirements for storage areas and containers : Store in a dark, cool place indoors, with container tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Engineering measures**

Provide adequate general and local exhaust ventilation.
Eyewash bottle with clean water.

Personal protective equipment (ppe)

- Respiratory Protection : Gas mask with organic vapor canister and dust and mist filter.
- Hand protection : Advice: Rubber or plastics gloves
- Eye protection : Safety glasses with side shields
- Skin and Body Protection : Chemical resistant clothing
Wear rubber boots.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form	: Liquid
Color	: Red
Odor	: Faint

Safety data

Melting Point	: 0 °C
Boiling point/boiling range	: No data available.
Flash Point	: Not applicable
Autoignition Temperature	: Not applied
Lower explosion limit	: No data available.
Upper explosion limit	: No data available.
Vapour pressure	: No data available.
Density	: No data available.
Water solubility	: Dispersible

10. STABILITY AND REACTIVITY

Conditions to avoid	: No data available.
Materials to Avoid	: Avoid contact with: Strong oxides. Strong bases.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	: LD50 Rat Dose: 2,070 mg/kg Test substance: Dialkyltin compound
Acute inhalation toxicity	: No data available.
Acute dermal toxicity	: No data available.

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Skin irritation. : Rabbit
Dose: 500 mg
Exposure time: 24 h
Result: Irritating.
Test substance: Dialkyltin compound

Eye irritation : Rabbit
Dose: 100 mg
Result: Slightly irritating.
Test substance: Dialkyltin compound

Sensitization : No data available.

Mutagenicity : No data available.

Further Information

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

12. ECOLOGICAL INFORMATION**Elimination information (persistence and degradability)**

Persistence and degradability : No data available.
Additional ecological information : Ecotoxicological data for this product is not available.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION**Japan Dangerous Goods Regulatory Information:**

Not Dangerous substance under JFSL, Transport under dark, cool conditions.

Sea transport

IMDG:	UN-Number	3082
	Class	9
	Packing group	III
	IMDG-Labels	9
	EmS	F-A, S-F
	Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

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ICAO/IATA:	UN-Number	3082
	Class	9
	Packing group	III
	ICAO-Labels	9MI
	Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

15. REGULATORY INFORMATION**Inventories**

Australia Inventory of Chemical Substances (AICS)	n (Negative listing)	
Japan Inventory of Existing & New Chemical Substances (ENCS)	y (positive listing)	
China Inventory of Existing Chemical Substances	y (positive listing)	
Korea Existing Chemicals Inventory (KECI)	n (Negative listing)	
Canada DSL Inventory	n (Negative listing)	
Canada NDSL Inventory	n (Negative listing)	
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	y (positive listing)	
TSCA list	n (Negative listing)	Not On TSCA Inventory

For inventories that are marked as quantity restricted or special cases, please contact Momentive.

National legislation

: Not Dangerous substance under JFSL

PRTR and Promotion of Chemical Management Law, new regulated substances (Cabinet Order No. 356, 2008):**Specified Class 1 substance(s):** :**Class 1 Substance(s):** : Organic tin compound (cabinet order no 239)**Class 2 Substance(s):** :**Industrial Safety and Health Law:****Article 57-2 Regulated Substance(s):** Tin and its compounds**Article 57 Regulated Substance(s) subject to labeling:** None Reported**Poisonous and Deleterious Substances Control Law:****Specified poisonous substance(s):****Main law:** : Not Applicable**Cabinet order:** : Not Applicable

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000000032210**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****High Pressure Gases, Article 2:** Not Applicable**Law Concerning the Examination and Regulation of Manufacture, etc. of Chemical Substances:** Not Applicable**Law for Safety of Vessels:** In compliance with domestic law.**16. OTHER INFORMATION****Literature Reference** : ACGIH TLV for Chemical Substances
Chemical safe administration data book (The Chemical Daily Co., Ltd.)**Precautions** : 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.**Other precautions** : Other (an address, and telephone and fax numbers for information, references)
The information herein is made based on references, information and data available at present. It may be revised when new information is available. The descriptions herein are for normal handling. For special applications, make safety provisions suitable to them prior to use.

The physical properties and other values indicated on this document are average values expected for the product and are not guaranteed.

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.