



EVEREST® 170
Lubricant

Version:	1.1
Revision Date:	26.08.2015
Print Date:	10.05.2017

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

Product name: EVEREST® 170

Product Use Description: Lubricant

Company:

Supplier

Chemtura China Holding Co., Ltd.
Room 1702, China Fortune Tower, No. 1568 Century Avenue
Shanghai
200122
China

Emergency telephone number: +86 10 5100 3039 (NCEC)
703-527-3887

Prepared by For additional emergency telephone numbers see section 16 of the Safety Data Sheet.
Product Safety Department
(US) +1 866-430-2775
(EU) +44 (0) 1753.603.000
+011-886-2-2712-5668 MSDSRequest@chemtura.com

SECTION 2. HAZARDS IDENTIFICATION

GHS-Classification

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS).

GHS-Labeling

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS).

SECTION 3.COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Chemical Name	CAS-No.	Concentration [%]
2,6-di-tert-butyl-p-cresol	128-37-0	>=0.1 - < 0.25



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SECTION 4. FIRST AID MEASURES

First aid procedures

- Inhalation : If inhaled
Move to fresh air.
If not breathing, give artificial respiration.
If breathing is difficult, give oxygen.
In case of bluish discoloration (lips, ear lobes, fingernails), give oxygen as quickly as possible.
If symptoms persist, call a physician.
- Skin contact : In case of skin contact
Wash off with soap and water.
Remove contaminated clothing and shoes.
Wash contaminated clothing before re-use.
Get medical attention if irritation develops and persists.
- Eye contact : In case of eye contact
Rinse thoroughly with plenty of water, also under the eyelids.
If eye irritation persists, consult a specialist.
- Ingestion : If swallowed, DO NOT induce vomiting.
Consult a physician if necessary.

Notes to physician

- Symptoms : None known.
- Treatment : For specialist advice physicians should contact the Poisons Information Service.

SECTION 5. FIREFIGHTING MEASURES

Flammable properties

- Flash point : 279 °C (534 °F)
Method: open cup
- Lower explosion limit : Remarks: No data available
- Upper explosion limit : Remarks: No data available

Protective equipment and precautions for firefighters

- Suitable extinguishing media : Carbon dioxide (CO₂)
Dry powder
Foam
Alcohol-resistant foam
Water mist
- Unsuitable extinguishing media : High volume water jet
- Hazardous decomposition products : Type: Hazardous decomposition products
Carbon oxides



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- Further information : In the event of fire, cool tanks with water spray.
- Specific hazards during firefighting : Burning produces noxious and toxic fumes.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Use personal protective equipment.
Ensure adequate ventilation.
- Environmental precautions : Should not be released into the environment.
Do not contaminate water.
Do not flush into surface water or sanitary sewer system.
- Methods for containment /
Methods for cleaning up : Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
- Additional advice : Forms slippery/greasy layers with water.

SECTION 7. HANDLING AND STORAGE

Handling

- Advice on safe handling : Keep container closed when not in use.
Do not use pressure to empty drums.
Ensure all equipment is electrically grounded before beginning transfer operations.

Storage

- Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place.
- Other data : Stable under recommended storage conditions.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures

- Effective exhaust ventilation system
Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protective equipment



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- Respiratory protection : Breathing apparatus needed only when aerosol or mist is formed.
In the case of vapour formation use a respirator with an approved filter.
- Hand protection : Neoprene gloves
- Eye protection : Safety glasses with side-shields
Tightly fitting safety goggles
- Skin and body protection : impervious clothing
- Hygiene measures : Avoid contact with skin, eyes and clothing.
Handle in accordance with good industrial hygiene and safety practice.
Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

- Form : liquid
- Colour : clear
- Odour : typical ester-like

Safety data

- Flash point : 279 °C
Method: open cup
- Ignition temperature : Remarks: No data available
- Lower explosion limit : No data available
- Upper explosion limit : No data available
- pH : Not applicable
- pour point : -15 °C
Method: No information available.
- : No data available
- Vapour pressure : No data available
- Density : 0.9624 - 0.9744 g/cm³
at 15.6 °C
Method: No information available.



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Water solubility : slightly soluble

Partition coefficient: n-octanol/water : No data available

Solubility in other solvents : No data available

Viscosity, dynamic : 14.5 - 180.0 mPa.s
at 40 - 100 °C
Method: ASTM D 445

Viscosity, kinematic : 170 mm²/s
at 40 °C

Relative vapour density : No data available

Evaporation rate : No data available

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Contamination
Heat, flames and sparks.

Materials to avoid : Strong acids and strong bases

Hazardous decomposition products : Type: Hazardous decomposition products
Carbon oxides

Hazardous reactions : Type: polymerisation
Hazardous polymerisation does not occur.

Note : Stable under recommended storage conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

There is no data available for this product.

Component:
2,6-di-tert-butyl-p-cresol
128-37-0

: Acute oral toxicity
LD50 Rat
Dose: > 2,930 mg/kg



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Method: OECD Test Guideline 401

Acute dermal toxicity
LD50 Rat
Dose: > 2,000 mg/kg
Method: OECD Test Guideline 402

Skin irritation
Rabbit
Result: No skin irritation

Eye irritation
Rabbit
Result: No eye irritation

Sensitisation
Guinea pig
Classification: Did not cause sensitisation on laboratory animals.

STOT - repeated exposure

Application Route: Oral

Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

SECTION 12. ECOLOGICAL INFORMATION

There is no data available for this product.

Component:

2,6-di-tert-butyl-p-cresol
128-37-0

: Toxicity to daphnia and other aquatic invertebrates Chronic toxicity:
NOEC
Species: Daphnia magna (Water flea)
Concentration: 0.07 mg/l
Exposure time: 21 d
Analytical monitoring: yes

SECTION 13. DISPOSAL CONSIDERATIONS

Further information : In accordance with local and national regulations.

Contaminated packaging : Do not burn, or use a cutting torch on, the empty drum.

SECTION 14. TRANSPORT INFORMATION



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ADR

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

RID

Not dangerous goods

Not classified as dangerous in the meaning of transport regulations.

SECTION 15. REGULATORY INFORMATION

The components of this product are reported in the following inventories:

US.TSCA	On TSCA Inventory
DSL	This product contains the following components that are not on the Canadian DSL nor NDSL.
AICS	Not in compliance with the inventory
NZIoC	Not in compliance with the inventory
ENCS	On the inventory, or in compliance with the inventory
KECI	On the inventory, or in compliance with the inventory
PICCS	Not in compliance with the inventory
IECSC	On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION

Further information

Carechem24 International Worldwide Coverage

Emergency Phone Number

Europe:	All European Countries	+44 (0) 1235 239 670 (NCEC)
Asia Pacific:	East / South East Asia – Regional Number	+65 3158 1074
	Australia	+61 2801 44558



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	China Taiwan	+86 10 5100 3039
	Japan	+81 345 789 341
	Indonesia	00780 3011 0293
	Malaysia	+60 3 6207 4347
	Thailand	001800 1 2066 6751
	Korea	+65 3158 1285
	Vietnam	+65 3158 1255
	India	+65 3158 1198
	Pakistan	+65 3158 1329
	Philippines	+65 31581203
	Sri Lanka	+65 3158 1195
	Bangladesh	+65 3158 1200
<u>Middle East / Africa:</u>	Arabic speaking countries	+44 (0) 1235 239 671
	All other countries	+44 (0) 1235 239 670
<u>America</u>	United States / Canada	001866 928 0789
<u>Latin America:</u>	Brazil	+55 113 711 9144
	All other countries	+44 (0) 1235 239 670
	Mexico	+52 555 004 8763

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