



**EVEREST® 220**  
Lubricant

Version:	1.1
Revision Date:	26.08.2015
Print Date:	28.04.2017

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

Product name: EVEREST® 220

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 hazardous substance or mixture.

**GHS-Labeling**

Not a hazardous substance or mixture.

**SECTION 3.COMPOSITION/INFORMATION ON INGREDIENTS**

**Hazardous components**

Chemical Name	CAS-No.	Concentration [%]
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Remarks : No hazardous ingredients



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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 : No information available.
- Treatment : No information available.

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## **SECTION 5. FIREFIGHTING MEASURES**

### **Flammable properties**

- Flash point : 250 °C (482 °F)  
Method: No information available.
- 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 (CO<sub>2</sub>)  
Dry powder  
Foam  
Alcohol-resistant foam  
Water mist
- Unsuitable extinguishing media : High volume water jet



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- Hazardous decomposition products : Type: Hazardous decomposition products  
Carbon oxides
- 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.

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## **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.

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## **SECTION 7. HANDLING AND STORAGE**

### **Handling**

- Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice.  
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.

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## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

We are not aware of any national exposure limit.

### **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.  
Provide adequate ventilation.  
Do not breathe dust or spray mist.

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## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

### **Appearance**

- Form : liquid
- Colour : clear
- Odour : slight

### **Safety data**

- Flash point : 250 °C  
Method: No information available.
- Ignition temperature : Remarks: No data available
- Lower explosion limit : No data available
- Upper explosion limit : No data available
- Auto-ignition temperature : 415 °C
- pH : Not applicable
- pour point : -21 °C  
Method: No information available.
- Boiling point/boiling range : 386 °C  
at 0.396 hPa (39.600 mmHg)
- Vapour pressure : No data available
- Density : 0.9588 - 0.9708 g/cm<sup>3</sup>  
at 15.6 °C



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Method: No information available.

Specific Gravity	:	0.96
Water solubility	:	slightly soluble
Partition coefficient: n-octanol/water	:	No data available
Solubility in other solvents	:	No data available
Viscosity, dynamic	:	16.6 - 242.0 mPa.s at 40 - 100 °C Method: ASTM D 445 No data available
Viscosity, kinematic	:	No data available
Relative vapour density	:	No data available
Evaporation rate	:	No data available

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## **SECTION 10. STABILITY AND REACTIVITY**

Conditions to avoid	:	Heat
Materials to avoid	:	Strong acids and strong bases
Hazardous decomposition products	:	<u>Type:</u> <u>Hazardous decomposition products</u> Carbon oxides
Hazardous reactions	:	<u>Type:</u> <u>polymerisation</u> Hazardous polymerisation does not occur.
Note	:	Stable under recommended storage conditions.

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## **SECTION 11. TOXICOLOGICAL INFORMATION**

There is no data available for this product.



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**SECTION 12. ECOLOGICAL INFORMATION**

There is no data available for this product.

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**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.

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**SECTION 14. TRANSPORT INFORMATION**

**ADR**

Not dangerous goods

**IATA**

Not dangerous goods

**IMDG**

Not dangerous goods

**RID**

Not dangerous goods

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**SECTION 15. REGULATORY INFORMATION**

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

<b>US.TSCA</b>	On TSCA Inventory
<b>DSL</b>	This product contains the following components that are not on the Canadian DSL nor NDSL.
<b>AICS</b>	Not in compliance with the inventory
<b>NZIoC</b>	Not in compliance with the inventory
<b>ENCS</b>	On the inventory, or in compliance with the inventory
<b>KECI</b>	On the inventory, or in compliance with the inventory
<b>PICCS</b>	Not in compliance with the inventory
<b>IECSC</b>	On the inventory, or in compliance with the inventory
<b>CH INV</b>	The formulation contains substances listed on the Swiss Inventory



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**SECTION 16. OTHER INFORMATION**

**Further information**

**Carechem24 International Worldwide Coverage**

**Emergency Phone Number**

<u>Europe:</u>	All European Countries	+44 (0) 1235 239 670 (NCEC)
<u>Asia Pacific:</u>	East / South East Asia – Regional Number	+65 3158 1074
	Australia	+61 2801 44558
	New Zealand	+64 9929 1483
	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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