

# SAFETY DATA SHEET

## SCORCHGUARD O



Version 1.0      Revision Date: 2019/04/22      SDS Number: 103000011023      Date of last issue: -  
Country / Language: HK / 6N

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### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : SCORCHGUARD O

Product code : 05261880

#### Manufacturer or supplier's details

Supplier : 朗盛香港有限公司  
港島東 英皇道 979 號 太古坊  
康橋大廈 35 樓 3503-3504 室, 香港

Telephone : +85235268888

E-mail address of person responsible for the SDS : lxs-sds-china@lanxess.com

Emergency telephone number : 0049-214-30-99300 (German)

Supplier : LANXESS Hong Kong Limited  
Suites 3503-3504, 35/F Cambridge House  
TaiKoo Place, 979 King's Road Island East, Hong Kong, Hong Kong

Telephone : +85235268888

E-mail address of person responsible for the SDS : lxs-sds-china@lanxess.com

Emergency telephone : 0049-214-30-99300 (German)

#### Recommended use of the chemical and restrictions on use

Recommended use : curing activator

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### 2. HAZARDS IDENTIFICATION

#### GHS Classification

Not a hazardous substance or mixture.

#### GHS label elements

Not a hazardous substance or mixture.

#### Other hazards which do not result in classification

None known.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

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### Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
magnesium oxide	1309-48-4	>= 50 - < 70
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil -unspecified	64742-52-5	>= 20 - < 30
Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	14807-96-6	>= 10 - < 20

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### 4. FIRST AID MEASURES

- General advice : Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : Wash off with soap and water.  
Get medical attention if symptoms occur.
- In case of eye contact : Remove contact lenses.  
Protect unharmed eye.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : No symptoms known or expected.
- Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training.  
If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus.  
It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.  
Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
- Notes to physician : No special measures required.
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### 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
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- Unsuitable extinguishing media : None known.
- Specific hazards during fire-fighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : Metal oxides  
Carbon monoxide  
Carbon dioxide (CO<sub>2</sub>)
- Specific extinguishing methods : Standard procedure for chemical fires.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Special protective equipment for firefighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
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### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Avoid dust formation.
- Environmental precautions : If the product contaminates rivers and lakes or drains inform respective authorities.
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### 7. HANDLING AND STORAGE

#### Handling

- Advice on protection against fire and explosion : Provide appropriate exhaust ventilation at places where dust is formed.
- Advice on safe handling : For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.

#### Storage

- Conditions for safe storage : Electrical installations / working materials must comply with the technological safety standards.
- Materials to avoid : No materials to be especially mentioned.
- Further information on storage stability : No decomposition if stored and applied as directed.
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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
magnesium oxide	1309-48-4	OEL-TWA (Fumes)	10 mg/m <sup>3</sup>	HK OEL
		TWA (Inhalable fraction)	10 mg/m <sup>3</sup>	ACGIH
Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil -unspecified	64742-52-5	OEL-TWA (Mist)	5 mg/m <sup>3</sup>	HK OEL
	Further information: As sampled by method that does not collect vapour			
		OEL-STEL (Mist)	10 mg/m <sup>3</sup>	HK OEL
	Further information: As sampled by method that does not collect vapour			
		TWA (Inhalable fraction)	5 mg/m <sup>3</sup>	ACGIH
Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )	14807-96-6	OEL-TWA (Respirable dust)	2 mg/m <sup>3</sup>	HK OEL
	Further information: The value is for dust containing no asbestos and < 1% crystalline silica			
		TWA (Respirable fraction)	2 mg/m <sup>3</sup>	ACGIH

#### Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally required.
- Hand protection
- Material : PVC
  - Wearing time : < 60 min
- Eye protection : Safety glasses
- Skin and body protection : Wear suitable protective clothing.
- Hygiene measures : General industrial hygiene practice.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Bar

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Colour : grey

Odour : odourless

Odour Threshold : No data available

pH : No data available

Melting point/freezing point : No data available

Boiling point/boiling range : No data available

Flash point : No data available

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit : No data available

Vapour pressure : No data available

Relative vapour density : No data available

Relative density : No data available

Density : 1.9 g/cm<sup>3</sup> (20 °C)

Solubility(ies)  
Water solubility : insoluble

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

Ignition temperature : No data available

Decomposition temperature : No data available

Viscosity : No data available

Explosive properties : No data available

Oxidizing properties : No data available

Molecular weight : No data available

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### 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : No data available

Incompatible materials : No specific data.

Hazardous decomposition products : No hazardous decomposition products are known.

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### 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified based on available information.

#### Product:

Acute inhalation toxicity : Acute toxicity estimate: > 10 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: Calculation method

#### Components:

##### **magnesium oxide:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

##### **Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil -unspecified:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 5.53 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg

#### **Skin corrosion/irritation**

Not classified based on available information.

#### Components:

##### **Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil -unspecified:**

Result: No skin irritation

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### **Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>):**

Species: Rabbit  
Result: No skin irritation

### **Serious eye damage/eye irritation**

Not classified based on available information.

### **Components:**

#### **Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil -unspecified:**

Result: No eye irritation

### **Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>):**

Species: Rabbit  
Result: No eye irritation

### **Respiratory or skin sensitisation**

#### **Skin sensitisation**

Not classified based on available information.

#### **Respiratory sensitisation**

Not classified based on available information.

### **Components:**

#### **Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil -unspecified:**

Exposure routes: Skin contact  
Species: Guinea pig  
Method: OECD Test Guideline 406  
Result: Did not cause sensitisation on laboratory animals.

### **Germ cell mutagenicity**

Not classified based on available information.

### **Components:**

#### **Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil -unspecified:**

Genotoxicity in vitro : Test system: Mammalian-Animal  
Method: OECD Test Guideline 473  
Result: negative

### **Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>):**

Genotoxicity in vitro : Test system: Bacteria  
Method: OECD Test Guideline 471  
Result: negative

Genotoxicity in vivo : Test Type: dominant lethal test

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Species: Mammalian-Animal  
Application Route: Oral  
Result: negative

### **Carcinogenicity**

Not classified based on available information.

### **Reproductive toxicity**

Not classified based on available information.

### **Components:**

#### **Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil -unspecified:**

Effects on foetal development : Species: Rat  
Application Route: Dermal  
Dose: 0 - 2000 milligram per kilogram  
Result: No teratogenic potential

#### **Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>):**

Effects on foetal development : Species: Rabbit, female  
Application Route: Oral  
Dose: 900 milligram per kilogram  
Duration of Single Treatment: 18 d  
Teratogenicity: NOAEL: 900 mg/kg body weight  
Result: No teratogenic potential

Species: Rat, female  
Application Route: Oral  
Duration of Single Treatment: 15 d  
Result: No teratogenic effects

### **STOT - single exposure**

Not classified based on available information.

### **STOT - repeated exposure**

Not classified based on available information.

### **Repeated dose toxicity**

#### **Components:**

#### **magnesium oxide:**

Species: Rat  
NOAEL: < 1120 µg/m<sup>3</sup>  
Application Route: Inhalation  
Exposure time: 29 d  
Dose: < 1120 µg/m<sup>3</sup>  
Remarks: Chronic toxicity



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### Aspiration toxicity

Not classified based on available information.

### Further information

#### Product:

Remarks: No data available

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## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Components:

##### **Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil -unspecified:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 5,000 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 1,000 mg/l  
aquatic invertebrates Exposure time: 48 h

EL50 (Daphnia magna (Water flea)): > 100,000 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 202

Toxicity to microorganisms : IC50 (Desmodesmus subspicatus (green algae)): > 1,000 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other : NOEC: 10 mg/l  
aquatic invertebrates (Chronic toxicity) Exposure time: 21 d  
Species: Daphnia magna (Water flea)  
Method: OECD Test Guideline 211  
Remarks: Fresh water

##### **Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>):**

Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 10,000 mg/l  
Exposure time: 24 h

### Persistence and degradability

#### Components:

##### **Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil -unspecified:**

Biodegradability : aerobic  
Concentration: 44 mg/l  
Result: Inherently biodegradable.  
Biodegradation: 31 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301F  
GLP: yes

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### Bioaccumulative potential

#### Components:

#### **Distillates (petroleum), hydrotreated heavy naphthenic; Baseoil -unspecified:**

Partition coefficient: n-octanol/water : log Pow: > 6

#### **Mobility in soil**

No data available

#### **Other adverse effects**

#### Product:

Additional ecological information : No data available

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## 13. DISPOSAL CONSIDERATIONS

### **Disposal methods**

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

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## 14. TRANSPORT INFORMATION

### **International Regulations**

#### **IATA-DGR**

Not regulated as a dangerous good

#### **IMDG-Code**

Not regulated as a dangerous good

#### **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**Hazard statements** : Not dangerous cargo.  
Keep separated from foodstuffs.

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## 15. REGULATORY INFORMATION

### **National regulatory information**

International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors : Not applicable

Further information : Dangerous Goods Ordinance (Cap295)

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Factories and Industrial Undertaking Ordinance (Cap59),  
F&IU (Dangerous Substances) Regulations  
Waste Disposal Ordinance Waster Disposal (Chemical Waste)  
(General) Regulations (Cap354)  
Air Pollution Control Ordinance Air Pollution (Volatile Organic  
Compounds) Regulation (Cap311)  
Code of Practice on Control of Air Impurities (Chemical Sub-  
stance) in the Workplace

### Other international regulations

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## 16. OTHER INFORMATION

### Full text of other abbreviations

ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals

ACGIH   : USA. ACGIH Threshold Limit Values (TLV)  
HK OEL                                        : Code of Practice on Control of Air Impurities (Chemical Sub-  
   stances) in the Workplace

ACGIH / TWA                                 : 8-hour, time-weighted average  
HK OEL / OEL-TWA                         : Time weighted Average  
HK OEL / OEL-STEL                        : Short-Term Exposure Limit

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