

## Material Safety Data Sheet

### Recovered Carbon Black

#### Section 1 - Product Identification

Synonyms : Lamp Black, Actylene Black, Furnance Black, Thermal Black, Channel Black  
Chemical Formula : C  
Company Identification : Tradeasia International Pte Ltd  
Address : 133 Cecil Street # 12-03 Keck Seng Tower, Singapore  
Tel : +65-6227 6365  
Fax : +65-6225 6286  
Email : contact@chemtradeasia.com  
Recommended use of the chemical and restrictions on use  
The product is used in industrial manufacturing, in particular in :  
-Rubber Industries  
- Paint and Coating Industries

#### Section 2 – Composition/Information on Ingredients

Chemical Name	EC No/CAS No	% by Weight
Methyl Ethyl Ketone	1333-86-4	100

#### Section 3 – Hazards Identification

##### 3.1 Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)  
Carcinogenicity Category 2

##### 3.2 Label elements

**Signal Word** Warning

##### **Hazard Statements**

Suspected of causing cancer

##### **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

##### **Response**

IF exposed or concerned: Get medical attention/advice

##### **Storage**

Store locked up

##### **Disposal**

Dispose of contents/container to an approved waste disposal plant

### **Hazards not otherwise classified (HNOC)**

None identified

### **Other hazards**

WARNING. Cancer – <https://www.p65warnings.ca.gov/>

## **Section 4 – Composition/ information on ingredients**

### **4.1 Composition comments**

**Component** Carbon Black

**CAS No.** 1333-86-4

**Weight** 100

## **Section 5 – First-Aid Measures**

### **5.1. Description of first aid measures**

#### **Skin contact**

Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.

#### **Eye contact**

Immediately rinse with plenty of water, also under eyelids, for at least 15 minutes. Get medical attention.

#### **Inhalation**

Remove to fresh air. Get medical attention if symptoms occur.

#### **Ingestion**

Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.

### **5.2. Most important symptoms and effects, both acute and delayed**

None reasonably foreseeable

### **5.3. Indication of any immediate medical attention and special treatment needed**

Notes to physician: Treat symptomatically

## **Section 6 – Fire Fighting Measures**

### **6.1. Suitable Extinguishing media**

N.A.

### **6.2. Specific hazards arising from the chemical**

Keep product and empty container away from heat and sources of ignition.

### **6.3. Special protective actions for fire-fighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## **Section 7 – Accidental Release Measures**

### **7.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment as required. Ensure adequate ventilation. Avoid dust formation.

### **7.2. Environmental precautions**

Should not be released into the environment.

### 7.3. Methods and material for containment and cleaning up

Sweep up and shovel into suitable containers for disposal. Avoid dust formation.

## Section 8 – Handling and Storage

### 8.1. Precautions for safe Handling

Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation.

### 8.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a cool, well-ventilated place.

## Section 9 – Exposure Controls/Personal Protection

### Eyes and hands protection

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

### Skin and Body Protection

Wear appropriate protective gloves and clothing to prevent skin exposure.

### Respiratory Protection

No protective equipment is needed under normal use conditions.

### Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice

## Section 10 – Physical and Chemical Properties

### 10.1. Information on basic physical and chemical properties

Appearance	Black powder solid
Odor	Odorless (None to Slight)
Odor threshold	N.A.
pH	6.7
Melting point	N.A.
Boiling point	N.A.
Flash point	N.A.
Evaporation rate	N.A.
Flammability : N.A.	
Upper/lower flammability or explosive limits	N.A.
Vapour pressure	N.A.
Vapour density	N.A.
Relative density	N.A.
Solubility in water	Insoluble in water
Partition coefficient: n-octanol/water	N.A.
Auto-ignition temperature	N.A.
Decomposition temperature	N.A.
Viscosity	C

## Section 11 – Stability and Reactivity

### 11.1. Reactivity Hazard

None known, based on information available.

### 11.2. Chemical stability

Stable under normal conditions.

### 11.3. Possibility of hazardous reactions

None under normal processing.

### 11.4. Conditions to avoid

Incompatible products. Avoid dust formation. Ignitions sources – heat, sparks, and open flames.

### 11.5. Incompatible materials

Strong oxidizing agents.

### 11.6. Hazardous decomposition products

None under normal use conditions.

## Section 12 – Toxicological Information

### 12.1 Health effects associated with ingredients

LD50 Oral > 15400 mg/kg in Rats

### 12.2 Health effects associated with compounds formed during processing

Irritation	May caused Irritation
Sensitization	N.A.
Carcinogenicity	Group 2B - Possibly carcinogenic to humans (based on IARC – Internasional Agency for Research on Cancer)
Mutagenic Effects	Mutagenic effect have occurred in experimental animals.
Reproductive Effects	N.A.
Developmental Effect	N.A.
Teratogenicity	N.A.
STOT – Single Exposure	N.A.
STOT – Repeated Exposure	N.A.
Aspiration Hazard	N.A.
Symptoms / effect, both Accute and Delayed	N.A.
Endocrine Disruption Information	N.A.
Other Adverse Effects	The toxicological properties have not been fully investi

## Section 13 – Ecological Information

### 13.1. Ecotoxicity

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### 13.2. Persistence and Degradability

N.A.

### 13.3. Bioaccumulation / Accumulation

N.A.

### 13.5. Mobility

N.A.

## Section 14 – Disposal Considerations

### 14.1. Disposal methods

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

## Section 15 – Transport Information

<b>15.1. DOT Classification</b>	Not regulated
<b>15.2. IATA</b>	Not regulated
<b>15.3. IMDG / IMO</b>	Not regulated

## Section 16 – Regulatory Information

### 16.1. Safety, health and environmental regulations

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Carbon black  
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#### Other Regulations

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

#### Other Classifications

**WHMIS (Canada):** CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

**DSCL (EEC):** R36- Irritating to eyes.

#### HMIS (U.S.A.):

<b>Health Hazard</b>	2
<b>Fire Hazard</b>	3
<b>Reactivity</b>	0
<b>Personal Protection</b>	E

#### National Fire Protection Association (U.S.A.):

<b>Health</b>	2
<b>Flammability</b>	3
<b>Reactivity</b>	0

#### Specific hazard:

### 16.2. Protective Equipment:

Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

## Section 17 – Additional Information

**References:** Thermo Fisher Scientific

**Other Special Considerations:** N.A.

### 17.1. Disclaimer of Liability

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