



# Safety Data Sheet

## Product Identifier

### SECTION 1. IDENTIFICATION

**Product Identifier:** CHARAC®-TOL 25 et 50 (activated charcoal)

**Other Means of identification:** Code: L0070003 (125 mL) DIN: 02060205, Code: L0070004 (250 mL) DIN: 00649236

**Recommended Use:** N/A

**Restrictions on Use:** N/A

**Initial Supplier Identifier:** Omega Laboratories, Ltd.  
11177 Hamon St.  
Montreal, Canada H3M 3E4

**Emergency Telephone Number:** (514) 335-0310

### SECTION 2. HAZARD IDENTIFICATION

**Classification:** N/A

**Label Elements:** N/A

**Other Hazards:** N/A

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration	Common name / Synonyms	Other identifiers
Activated Charcoal	64365-11-3	20%	N/A	N/A
Sorbitol	50-70-4	-	N/A	N/A
Purified Water	7732-18-5	q.s.	N/A	N/A

#### Notes

### SECTION 4. FIRST-AID MEASURES

**Inhalation:** Remove to fresh air.

**Skin Contact:** Rinse immediately with plenty of water

**Eye Contact:** Rinse immediately with plenty of water and seek medical advice.

**Ingestion:** Give several glasses of water to drink to dilute. If large amounts were swallowed, get medical advice

**Most Important Symptoms and Effects, Acute and Delayed:** N/A

**Immediate Medical Attention and Special Treatment:** N/A



## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media:** Carbon Dioxide, Water Spray, Dry Chemical Powder.

**Unsuitable Extinguishing Media:** N/A

**Specific Hazards Arising from the Product:** Charcoal is a flammable solid.

**Special Protective Equipment and Precautions for Fire-Fighters:** Full protective equipment and self-contained breathing apparatus.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Wear respirator, need ventilation system after area is cleaned if spilled. Skin: Rubber boots and rubber gloves and a lab coat. Eye protection: Safety glasses.

**Methods for Containment and Cleaning Up:** Shut off all sources of ignition. Sweep up, place in bag and hold for waste disposal. Avoid raising dust.

## SECTION 7. HANDLING AND STORAGE

**Precautions for Safe Handling and conditions for safe storage:** Safety glasses. Compatible chemical-resistant gloves. Wear dust mask. Store between 15-30°C. Protect from light. Do not breathe dust. Avoid contact with eyes, skin and clothing.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA	STEL	TWA	STEL
N/A				
N/A				
N/A				

### Notes

**Appropriate Engineering Controls:** Ventilation system: Yes, after area is cleaned if spilled.

### Individual Protection Measures

**Eye/Face Protection:** Safety glasses.

**Skin Protection:** Rubber boots, rubber gloves and lab coat.

**Respiratory Protection:** Wear respirator.



## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Black suspension  
**Odour:** N/A  
**Odour Threshold:** N/A  
**pH:** N/A  
**Melting Point and Freezing Point:** N/A  
**Initial Boiling Point and Boiling Range:** Sublimes.  
**Flash Point:** N/A  
**Evaporation Rate:** N/A  
**Flammability (solid, gas):** N/A  
**Upper and Lower Flammability or Explosive Limit:** N/A  
**Vapour Pressure:** <0.1 mm  
**Vapour Density (air = 1):** N/A  
**Relative Density (water = 1):** N/A  
**Solubility in Water:** Totally soluble  
**Solubility in Other Liquids:** N/A  
**Partition Coefficient, n-Octanol / Water:** N/A  
**(Log Kow)**  
**Auto-ignition Temperature:** 450°C (842°F)  
**Decomposition Temperature:** N/A  
**Viscosity:** N/A

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

**Chemical Stability:** This product is stable when stored at room temperature.  
**Possibility of Hazardous Reactions:** Will not occur.  
**Conditions to Avoid:** Heat and contact with incompatible chemicals.  
**Incompatible Materials:** Oxidizing agents.  
**Hazardous Decomposition Products:** Carbon oxides.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Inhalation    Skin contact    Eye contact    Ingestion

### Acute Toxicity

**LD50 (IV):** Rat 7.1 kg/kg

**LD50 (oral):** Rat 15.9 kg/kg, Mouse 17.8 kg/kg

**LD50 (SC):** Rat 29.6 kg/kg

**Notes:** Sorbitol is a mutagen suspect. Charcoal is not a carcinogenous suspected agent. Investigated as a reproductive effector.



**Skin Corrosion / Irritation:** Irritant.

**Serious Eye Damage / Irritation:** Irritant.

**STOT (Specific Target Organ Toxicity) - Single Exposure**

**Aspiration Hazard:** N/A

**STOT (Specific Target Organ Toxicity) - Repeated Exposure**

**Respiratory and/or Skin Sensitization:** Irritant

**Chronic Exposure:** Prolonged inhalation of excessive dust may produce pulmonary disorders. Cardiovascular system can be affected.

#### **Carcinogenicity**

<b>Chemical Name</b>	<b>IARC</b>	<b>ACGIH®</b>	<b>OSHA</b>
N/A			
N/A			
N/A			

#### **Notes**

##### **Reproductive Toxicity**

**Development of Offspring:** N/A

**Sexual Function and Fertility:** N/A

**Effects on or via Lactation:** N/A

**Germ Cell Mutagenicity:** N/A

**Interactive Effects:** N/A

## **SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity:** N/A

**Persistence and Degradability:** N/A

**Bioaccumulative Potential:** N/A

**Mobility in Soil:** N/A

**Other Adverse Effects:** N/A

## **SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal Methods:** Bury in a landfill site approved for the disposal of chemical and hazardous wastes. Observe all environmental regulations.

## **SECTION 14. TRANSPORT INFORMATION**



Regulation	UN No.	Proper Shipping Name	Technical Name (for N.O.S. entry)	Transport Hazard Class(es)	Packing Group

Special Precautions: N/A

Environmental Hazards: N/A

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: N/A

## SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations: N/A

## SECTION 16. OTHER INFORMATION

Date of Latest Revision:

12-06-2019

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