

## TABEX<sup>®</sup>

### Material Safety Data Sheet

#### Section I - Identification

#### FILTER-FLO

**MANUFACTURER / SUPPLIER:**

CL MARKETING INC.

2770 – 24 Avenue N.E.,  
Calgary, Alberta, T1Y 6V7

Phone: (403) 250-2494

Toll Free Order Line: 1-800-661-8179

EMERGENCY PHONE (CANUTEC): 613 - 996 - 6666

**Chemical Name:** Sodium Bisulfate.

**Product Use:** Cleaner for pool and spa diatomite filters.

<b><u>Hazard Rating</u></b>	<b><u>Designation</u></b>	
4 Extreme	Health	1
3 High	Fire	0
2 Moderate	Reactivity	1
1 Slight	Personal Protection	D
0 None		

#### Section II - Hazardous Ingredients

<b><u>Material</u></b>	<b><u>% By Weight</u></b>	<b><u>CAS Nr</u></b>	<b><u>Exposure Limits</u></b>	<b><u>LD<sub>50</sub> (Oral-Rat)</u></b>
Sodium Bisulfate	90 - 95	7681-38-1	N/A	2800 mg/Kg
Sodium Sulfate	5 - 10	7757-82-6	N/A	N/A

**Section III - Physical Data**

Appearance	Solid, white granules
Boiling Point	N/A
Freezing Point	N/A
Odor	Odorless
pH (10%)	2 - 4
Specific Gravity ( Water = 1)	2.43
Vapor Density ( Air = 1)	1.13 – 1.16
Vapor Pressure (mm Hg)	N/A
Evaporation Rate	N/A
Water Solubility	Very soluble
% Volatile	0%
Coefficient water/oil distribution	N/A
Odor Threshold	N/A

**Section IV - Fire And Explosion Data**

Flash Point (°C , Test Method):	None
Auto-Ignition Temperature:	None
Flammable Limits In Air: ( g/l ):	LFL: None UFL: None
Extinguishing Media:	Dry Chemical (Sodium Bicarbonate), Foam, CO <sub>2</sub> , Water
Special Fire Fighting Procedure:	Fight fires from a safe distance. DO NOT approach container because of danger of rupturing. Use water spray to cool containers exposed to fire.
Personal Protective Equipment:	Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear.
Conditions of flammability:	N/A
Hazardous combustion products:	Sulfur trioxide
Explosion Data:	N/A
Sensitivity Impact:	N/A
Sensitivity to static discharge:	N/A
Mechanical Impact:	N/A

**Section V - Health Hazard Information Of Product****Routes of Exposure and Acute Effects.**

<b>Inhalation:</b>	May cause edema or damages to mucous membranes and upper respiratory tract.
<b>Skin Contact:</b>	Causes burn.
<b>Skin Absorption:</b>	N/A
<b>Eye Contact:</b>	Causes burning.
<b>Ingestion:</b>	Corrosive. Can cause burning to nose and throat.

**Chronic Exposure.**

<b>Irritancy of product:</b>	Irritating, lung irritation, tracheal bronchitis and corrosion of teeth are possible effects from long term exposure to dust.
<b>Sensitizing Capacity:</b>	N/A
<b>Mutagenic effect:</b>	N/A
<b>Teratogenic effect:</b>	N/A
<b>Carcinogenic effect:</b>	N/A
<b>Reproductive toxicity:</b>	N/A
<b>Synergistic products:</b>	N/A

**Emergency and First Aid Procedure.**

<b>Eyes:</b>	In case of contact, immediately flush eyes of plenty of water for at least 15 minutes. Call a physician immediately.
<b>Skin:</b>	In case of contact, remove contaminated clothing and flush skin thoroughly with soap and water. Wash clothing before reusing.
<b>Inhalation:</b>	If inhaled, remove to area of fresh air. If irritation persists, call a physician.
<b>Ingestion:</b>	If swallowed, do not induce vomiting. Call a physician immediately.

**Section VI - Reactivity Data**

<b>Conditions Contributing to Instability:</b>	This product is stable under normal conditions. Avoid moisture.
<b>Incompatibility:</b>	Especially avoid contact with strong alkaline products.
<b>Decomposition Products:</b>	Sulfur dioxide, sulfur trioxide
<b>Reactivity:</b>	In contact with strong alkaline products and humidity.

**Section VII - Spill Or Leak Procedures****Steps To Be Taken If Material Is Released Or Spilled**

Cleanup personnel must wear proper protective equipment.  
That is rubber gloves, face shield, safety goggles, safety shoes and protective clothing.  
Keep out of sewers and water supplies.  
Sweep up waste or residue while avoiding dust formation.  
Reclaim in an appropriate closed container for possible normal use or disposal.  
Large spills can require an aspiration procedure.  
Clean up residual material by washing area with water after neutralizing with an alkaline product.

**Waste Disposal Method.**

Dispose according to Local, Provincial and Federal by-laws.

**Section VIII - Special Protection Information.****Ventilation requirements**

Local ventilation.

**Specific Personal Protective Information.**

**Skin Protection:** Chemical resistant rubber gloves and rubber apron to minimize skin contact.  
**Eye Protection:** Chemical splash goggles  
**Respiratory protection:** Use acid gas /dust /mist filters.  
**Other:** Eye wash station and safety shower in area.  
 Do not wear contact lens when working with this compound.

**Section IX - Special Precaution.**

**Precaution To Be Taken In Handling.**

Avoid inhalation of vapors and dust.  
 Avoid eye or skin contact. Do not take internally. Wash clothing before reuse.  
 Practice good personal hygiene.

**Proper Storage, Handling and Disposal Requirements..**

Store in tightly closed containers in a cool, dry, well ventilated area.  
 Keep away from moisture and incompatible materials (alkaline products).  
**NO SMOKING** in areas of storage, handling or use.

**Section X - Transport And Regulatory Information.**

<b>TDG DESIGNATION:</b>	<b>Sodium Bisulfate</b>
<b>UN NUMBER:</b>	<b>None</b>
<b>TDG CLASSIFICATION:</b>	<b>Not regulated</b>
<b>WHMIS CLASSIFICATION:</b>	<b>E</b>

**Material Safety Data Sheet:**

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**Date Issued:** 16/03/2009

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