



Comet Chemical Company Ltd.  
3463 Thomas Street Innisfil ,ON L9S 3W4  
Tel: (705) 436-5580 Fax: (705) 436-7194

## Material Safety Data Sheet

### CHROMET

Revision Date: 2011/05/10

#### Section 1: PRODUCT INFORMATION

**Product name:** Chromet

**Supplier 24 hour phone number:** (705)436-5580 – weekdays from 8:00-5:00.  
(800)567-7455 all other times (Newalta Services).

**Supplier:** Comet Chemical Ltd.  
3463 Thomas Street  
Innisfil, On.  
L9S 3W4.

**Chemical family:** Mixture.

**TDG classification:** BISULPHITES, AQUEOUS SOLUTIONS, N.O.S. (sodium bisulfite)  
UN2693  
Class 8  
PG III.

**WHMIS classification:**

E, D2B.



**DSL status:** The substance(s) listed in section 2 appear on the Domestic Substances List.

**Supplier MSDS date:** 2011/05/10

#### Section 2: HAZARDOUS INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	T.L.V.	LD/50	LC/50
7631-90-5	35-44	SODIUM METABISULFITE	5 MG/M3	2000 MG/KG RAT ORAL	NOT AVAILABLE

#### Section 2A: ADDITIONAL INGREDIENT INFORMATION

**Note:** (supplier).

This product contains 56-66% water CAS# 7732-18-5.

#### Section 3: PHYSICAL DATA

**Physical state:** Liquid.

**Appearance & odor:** Clear  
Pungent odour.  
Yellowish.  
Distinct odor.

**Odor threshold (ppm):** Not available.

**Vapour pressure (mmHg):** 32 @ 20°C

**Vapour density (air=1):** Not applicable.

**Volatiles (%)**

**By volume:** Not available.

**Evaporation rate (butyl acetate = 1):** Not available.

**Boiling point (°C):** 104°C

**Freezing point (°C):** 6°C

**pH:** 3.8–5.2

**Specific gravity @ 20 °C:** 1.33 (25/25°C)

**Solubility in water (%):** Complete.

**Coefficient of water/oil dist.:** Not available.

**VOC:** Not available.

<b>Section 4: FIRE &amp; EXPLOSION DATA</b>
---

**Flammability:** Not flammable.

**Conditions of flammability:** Surrounding fire.

**Extinguishing media:** Use appropriate extinguishing media for surrounding fire.

**Special procedures:** Firefighters should wear adequate protective gear.  
Self-contained breathing apparatus required.

**Auto-ignition temperature (°C):** Not flammable.

**Flash point (°C), method:** Non-flammable.

**Lower flammability limit (% vol):** Not flammable.

**Upper flammability limit (% vol):** Not flammable.

**Explosion Data**

**Sensitivity to static discharge:** Not sensitive.

**Sensitivity to mechanical impact:** Not sensitive.

**Hazardous combustion products:** Oxides of sulfur (SO<sub>x</sub>).

**Explosive power:** Not available.

## Section 5: REACTIVITY DATA

**Chemical stability:** Stable under normal conditions.

**Conditions of instability:** Contact with incompatible substances.

**Hazardous polymerization:** Will not occur.

**Incompatible substances:** Strong oxidizers.

**Hazardous decomposition products:** See hazardous combustion products.

## Section 6: TOXICOLOGICAL PROPERTIES

**Route of entry:** Eye contact, skin contact, skin absorption, inhalation and ingestion.

### Effects of acute exposure

**Eye contact:** Irritation.  
May cause burns.

**Skin contact:** May cause rash.  
May cause blistering.  
May cause irritation.  
May cause redness, swelling.  
May cause scaling.

**Skin absorption:** Not absorbed through the skin.

**Inhalation:** Severe irritant.  
May cause allergic asthmatic reaction.

**Ingestion:** May cause nausea and vomiting.  
May cause severe colic and death.

**Effects of chronic exposure:** May cause liver and kidney damage.  
Prolonged or repeated overexposure may cause drying and cracking of the skin (dermatitis).

**LD50 of product, species & route:** 2000 mg/kg rat oral.

**LC50 of product, species & route:** Not available.

**Exposure limit of material:** Not available for mixture, see the ingredients section.

**Sensitization to product:** No

**Carcinogenic effects:** Not listed as a carcinogen.

**Reproductive effects:** Not available.

**Teratogenicity:** Not available.

**Mutagenicity:** Not available.

**Synergistic materials:** None known.

## Section 7: PREVENTATIVE MEASURES

### Precautionary Measures

**Gloves/Type:**



Neoprene gloves.  
Rubber or PVC.

**Respiratory/Type:** None required under normal use.  
If TLV is exceeded.



NIOSH approved organic vapors.

**Eye/Type:**



Safety glasses with side-shields.



Chemical safety goggles.

**Footwear/Type:**



Impervious boots.

**Clothing/Type:** Long sleeve shirt, long trousers.  
When splashing is possible.  
Rubber apron.

**Other/Type:** Eye wash facility should be in close proximity.  
Emergency shower should be in close proximity.

**Ventilation requirements:** As needed to stay below TLV.

**Leak/Spill:** Eliminate all sources of ignition.  
Dike area to prevent spreading.  
Ventilate area.  
Wear appropriate protective equipment.  
Ground handling equipment.  
Neutralise with sodium bicarbonate.  
Pump to containers or soak up on inert absorbent.  
Place in a closed container for disposal.  
Do not flush to sewer.

**Waste disposal:** In accordance with municipal, provincial and federal regulations.  
May be incinerated.

**Handling procedures and equipment:** Keep away from heat, sparks, and open flame.  
Avoid breathing vapors/mists.  
Use adequate ventilation.  
Wear personal protective equipment appropriate to task.  
Avoid contact with skin, eyes and clothing.  
Do not cut, grind, weld or drill on or near containers.  
Launder contaminated clothing prior to reuse.

**Storage requirements:** Store away from incompatible materials.  
Store in a cool, dry and well ventilated area.

**TDG classification:** BISULPHITES, AQUEOUS SOLUTIONS, N.O.S. (sodium bisulfite)  
UN2693  
Class 8  
PG III.



**Special shipping information:** See transportation information.

#### Section 8: FIRST AID MEASURES

**Skin contact:** Wash thoroughly with soap and water.  
Remove contaminated clothing.  
Consult a physician if irritation persists.

**Eye contact:** Flush eyes with clear, running water for 15 minutes while holding eyelids open. If irritation persists, consult a physician.

**Inhalation:** Remove victim to fresh air. If not breathing, qualified personnel should administer artificial respiration. Get medical attention.

**Ingestion:** Obtain immediate medical attention.  
Give large quantities of water to drink.  
Do not induce vomiting, keep person warm, quiet.  
Guard against aspiration of liquids into lungs.  
If vomiting occurs, keep head below hips.  
Never give anything by mouth to an unconscious person.

**Additional information:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

#### Section 9: ADDITIONAL INFORMATION

**General note:** This material safety data sheet was prepared from information obtained from various sources, including product suppliers and the Canadian Center for Occupational Health and Safety.

This MSDS was generated by *Conform-Plus* Application Service. Visit us at [www.netmsds.com](http://www.netmsds.com).