



# MATERIAL SAFETY DATA SHEET

Part Number(s):  
N/A

Form WI04-11A Rev. 1



Product Name: Brush Cleaner

Release Date: May 30, 2007

## 1. Product and Company Identification

<b>Trade Name &amp; Synonyms</b> Brush cleaner	<b>MSDS Code Number</b> NA
<b>Chemical Name</b> NA	<b>Manufacture / Distributor</b> GAC International Inc.
<b>C.A.S. Number</b> NA	<b>Address</b> 355 Knickerbocker Ave. Bohemia, NY USA 11716
<b>Grades or Minor Variant Identities</b> NA	<b>Information Telephone Number</b> 1-631-419-1700
<b>Product Use (for Canada)</b> NA	<b>Emergency Telephone Number</b> 1-631-419-1700

## 2. Composition of Ingredients

Hazardous Components	OSHA PEL	ACGIH TLV	Other limits	C.A.S. Number	Exposure Limits	%
Methylene chloride	500ppm	50 ppm	75ppm (NIOSH 10 hr TWA)	NA	NA	NA

## 3. Hazard Identification

Emergency Overview					
Routes of Exposure	Signs and Symptoms	Single, Repeated, or Lifetime Exposure	Severity (Mild, Moderate, Severe)	Acute and Chronic Health Effect(s)	Target Organ(s)
Eye	Causes pain and irritation.	NA	NA	Causes pain, irritation, and possible reversible corneal injury.	NA
Skin yes	May dry the skin or irritate the skin.	NA	NA	May dry the skin or irritate the skin causing dermatitis.	NA
Inhalation yes	May cause headache, dizziness, nausea, vomiting, unconsciousness, kidney and lung damage, and even death.	NA	NA	<b>Acute:</b> May cause headache, nausea, vomiting, unconsciousness kidney and lung damage and even death. <b>Chronic:</b> chronic exposure will result in elevated carboxy hemoglobin levels.	NA
Ingestion yes	Causes abdominal pain. May damage liver, kidneys, pancreas, nerves.	NA	NA	May cause abdominal pain. Methylene chloride is metabolized in the body to carbon monoxide. Toxic effects are increased by presence of alcohol, carbon monoxide, smoking, or performing heavy labor. May cause nervous system disorders.	NA
Other	NA	NA	NA	NA	NA
<b>Medical Conditions Aggravated by Exposure</b> Persons with angina or heart disease or those who are heavy drinkers or smokers should not be exposed to this product.					
<b>Carcinogenicity (IARC, NTP)</b> NTP?: Listed. IARC monographs?: Possible (2b). OSHA regulated?: Yes					
<b>Potential Environmental Effects</b> NA					



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## 4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	Flush eyes with copious amounts of water for atleast 15 minutes.	NA	NA
Skin	Remove contaminated clothes, wash skin with soap and water.	NA	NA
Inhalation	Get person to fresh air.	Call a physician.	NA
Ingestion	Give lots of water to drink.	Get medical attention.	NA
Other	NA	NA	NA
<b>Note to Physicians (Treatment, Testing, and Monitoring)</b> NA			

## 5. Fire and Explosion Data

Flashpoint & Method: °C / °F Not flammable	Flammable (Explosive) Limits in Air LEL: 14.8 % UEL: 22.0%	Autoignition Temperature NA	Other NA
Flame Propagation or Burning NA	Properties Contributing to Fire Intensity NA	Flammability Classification Health- , Flammability- , Reactivity- NA	
Extinguishing Media This material is not combustible. Use extinguishing media appropriate for surroundings.		Extinguishing Media to Avoid NA	
<b>Protection and Procedures for Firefighters</b> Fire fighters should wear self contained breathing apparatus and full protective clothing.			
<b>Unusual Fire and Explosion Hazards</b> In case of fire, keep drums cool by spraying with water. Extinguish all nearby sources of ignition since vapors decompose to hazardous products at high temperature. Emits toxic fumes under fire conditions.			

## 6. Accidental Release Measures

<b>Containment Techniques</b> NA
<b>Spill/Leak Clean-Up Procedures and Equipment</b> Collect leaking liquid in sealable containers, absorb spilled liquid with sand or inert absorbent and remove to safe place. For large spills a self contained breathing apparatus may be necessary.
<b>Evacuation Procedures</b> NA
<b>Special Instructions</b> NA
<b>Reporting Requirements</b> NA

## 7. Handling and Storage

<b>Handling Practices and Warnings</b> Avoid contact with skin. Normal warehousing and handling procedures.
<b>Storage Practices and Warnings</b> ( °C / °F). Keep away from food and beverages. Store in a cool, dry area.



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## 8. Exposure Control/Personal Protection

<b>Ventilation</b> Local exhaust is recommended to maintain levels below thresholds.		<b>Other Engineering Controls</b> NA
<b>Routes of Entry:</b>	<b>Personal Protective Equipment (PPE) for Normal Use:</b>	<b>PPE for Emergencies:</b>
<b>Eye/Face</b>	Chemical goggles.	NA
<b>Skin</b>	Protective gloves: Viton gloves.	NA
<b>Inhalation</b>	Respiratory protection: NIOSH approved self contained breathing apparatus in the pressure demand mode, or a supplied air respirator if use conditions generate vapors or mist. Canister respirators may be ineffective.	NA
<b>General Hygiene Considerations and Work Practices</b> Observe normal care when working with chemicals.		
<b>Protective Measures During Repair and Maintenance of Contaminated Equipment</b> NA		
<b>Other Protective Measures and Equipment</b> Long sleeved shirt, trousers, viton boots, viton apron. An eye wash and safety shower should be nearby for use.		

## 9. Physical and Chemical Characteristics

<b>Appearance</b> Colorless liquid		<b>Odor</b> strong characteristic odor
<b>Normal Physical State:</b> <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> Solid <input type="checkbox"/> ____ (Other)		<b>Boiling Point</b> 40 °C / 104 °F <b>Melting Point</b> -97 °C / °F <b>Freezing Point</b> °C / °F NA
<b>Specific Gravity or Density (H<sub>2</sub>O=1)</b> 1.3 g/cm <sup>3</sup>	<b>Solubility in Water</b> 2 g/100ml	<b>pH</b> NA
<b>Vapor Pressure (mm Hg @ 20°C)</b> 420 mm Hg @ 25 CC	<b>Vapor Density (AIR= 1)</b> 2.9	<b>Evaporation Rate (Butyl Acetate = 1)</b> > 1
<b>Other</b> NA		

## 10. Stability and Reactivity Data

<b>Incompatibility (Materials to Avoid)</b> Alkalis, oxidizing materials, water, moist air, aluminum and alkali metals.		
<b>Hazardous Products Produced During Decomposition</b> Phosgene, hydrochloric acid, carbon monoxide, chlorine, carbon dioxide.		
<b>Hazardous Polymerization?</b> <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> May Not Occur	<b>Conditions to Avoid</b> °C / °F NA	
<b>Stability?</b> <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	<b>Conditions to Avoid</b> °C / °F High temperatures, flames.	

## 11. Toxicological Information

<b>Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data</b> NA
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## 12. Ecological Information

<b>Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements</b> NA
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## 13. Disposal Considerations

### Regulations

Waste disposal methods: Dispose of in accordance with federal, state and local regulations.

### Properties (Physical/Chemical) Affecting Disposal

NA

## 14. Transport Information

### Regulated for shipping?

Yes  No NA

### Proper Shipping Name

Brush cleaner

### Packing Group

NA

### Do changes in quantity, packaging, or shipment method change product classification?

Yes  No NA

### Hazard Class

NA

### Identification Number

NA

### Other

NA

## 15. Regulatory Information

### Federal Regulations

NA

### International Regulations

NA

### Other

NA

## 16. Other Information

Supplier Number: 2

Supplier Release: September 20, 1995.

N/A = not applicable. NA = not available, N/E = not established. N/D = not determined.