



BG PRODUCTS, INC.
701 South Wichita
Wichita, KS 67213
(316) 265-2686

Date: 03-15-04
Replaces: 02-01-02

401/402

MATERIAL SAFETY DATA SHEET
Emergency Phone: (800) 424-9300

Section A. PRODUCT IDENTIFICATION

Product Number: 401,402

Product Use: Cleaning of electrical contacts and vehicle brake assemblies

Product Name: Brake & Contact Cleaner

CAS Number: Not Applicable

HAZARD RATING:

4 - EXTREME
3 - HIGH
2 - MODERATE
1 - SLIGHT
0 - INSIGNIFICANT

NFPA (704)

FLAMMABILITY: 2
HEALTH: 2
REACTIVITY: 0
SPECIAL: 0

HMIS

FLAMMABILITY: 2
HEALTH: 2
REACTIVITY: 0
PROTECTION: B

Section B. HAZARDOUS COMPONENTS

<u>COMPONENT</u>	<u>Percentage</u>	<u>CAS No.</u>	<u>EXPOSURE CRITERIA</u>
* Tetrachloroethylene	90-100	127-18-4	25 ppm (cancer, skin)
Acetone	Not Applicable	67-64-1	500 ppm

* This product is a toxic chemical subject to the reporting requirements of Section 313 of SARA Title III.

Section C. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT:	56-123°C (132-254°F)	ODOR:	Solvent
VAPOR PRESSURE:	100 psig	APPEARANCE:	Aerosol, Colorless Liquid
% VOLATILES BY VOLUME:	~ 90%	SPECIFIC GRAVITY (H ₂ O=1):	1.5368
SOLUBILITY IN WATER:	Insoluble	POUR POINT:	Not Applicable

Section D. FIRE PROTECTION AND INFORMATION

FLASH POINT AND METHOD:
-20°C (-4°F) / TCC

FLAMMABLE LIMITS IN AIR:
2.6% – 12.8%

AUTO IGNITION TEMPERATURE:
Not Determined

EXTINGUISHING MEDIA: Foam, Carbon Dioxide, Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear protective gear including self-contained breathing apparatus. Use extinguishing media appropriate for surrounding fire.

Section E. REACTIVITY DATA

STABLE (NORMAL CONDITIONS):
Stable

HAZARDOUS POLYMERIZATION:
Will not occur

HAZARDOUS AND DECOMPOSITION PRODUCTS:

Oxides of Carbon, Oxides of Nitrogen and may produce forms of chloride, chlorine and phosgene

INCOMPATIBILITY (CONDITIONS TO AVOID):

Strong Acids, Alkalis, Oxidizers and Amines

Section F. HEALTH HAZARD INFORMATION

SKIN CONTACT: Repeated or prolonged contact may cause irritation, drying or de-fatting of the skin.

EYE CONTACT: Direct contact with product may cause irritation.

INHALATION: Inhalation may irritate respiratory passages or cause CNS effects.

INGESTION: May be harmful if swallowed.

CARCINOGENICITY:

Tetrachloroethylene (127-18-4)

NTP?

Yes – 2

IARC MONOGRAPHS?

Yes – 2A

OSHA REGULATED?

NO

Section G. EMERGENCY FIRST AID PROCEDURES

SKIN CONTACT: Remove all contaminated clothing and flush affected area with water for 15-20 minutes. If irritation occurs or persists, seek medical attention immediately.

EYE CONTACT: Flush with large amounts of water for 15-20 minutes. If irritation occurs or persists, seek medical attention immediately.

INHALATION: Remove from exposure area to a source of fresh air. If unconscious, start artificial respiration. If breathing is difficult or labored, provide Oxygen. Seek medical attention immediately.

INGESTION: DO NOT induce vomiting. Seek medical attention immediately.

Section H. SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS: Use with local exhaust ventilation or other engineering controls to minimize vapors/mists.

RESPIRATORY PROTECTION (SPECIFY TYPE): Use NIOSH/MSHA approved respirator with cartridge, air line or SCBA as appropriate.

EYE PROTECTION: Safety glasses or chemical goggles.

OTHER PROTECTIVE CLOTHING AND EQUIPMENT: Wear long sleeved shirt or other protective clothing when a potential for contact exists. Wear chemically protective gloves when handling

Section I. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Aerosol containers require special handling due to the increased risk of fires. Keep containers closed when not in use and away from temperature extremes or sources of ignition. Use and store only in well ventilated areas. Physically segregate from incompatibles. **Uniform Fire Code Level 3 Aerosol.**

OTHER PRECAUTIONS: This product contains a chemical known to the State of California to cause cancer (Tetrachloroethylene: CAS# 127-18-4). This product contains a chemical listed by the State of Minnesota and Massachusetts as a carcinogen or potential carcinogen based on IARC and NTP data (Tetrochloroethylene: CAS# 127-18-4).

Section J. ENVIRONMENTAL SPILL OR LEAK INFORMATION

SPILLS: Evacuate the immediate area and remove sources of ignition. Contain and collect spill products using inert/absorbent materials. Place spill materials in a closed and labeled container for disposal. Contact response organizations as appropriate

WASTE DISPOSAL: Dispose of in accordance with all applicable Federal, State and local regulations.

Section K. TRANSPORTATION INFORMATION

DOT Shipping Description: Consumer Commodity, ORM-D

IMDG Shipping Description: Marine Pollutant Aerosol, 2, UN1950

DOT ERG No.: 126

NMF FREIGHTCLASS: 48580-3

DOT HAZARD NAME: Consumer Commodity

IMDG LABEL: 2.3

UN NUMBER: 1950

PACKING GROUP: Not Applicable

NA NUMBER: Not Applicable

DOT LABEL: Not Applicable

Section L. COMMENTS

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use. You must notify each person to whom this mixture or trade name product is sold. This statement must not be detached. Any copy or redistribution of the Material Safety Data Sheet shall include this statement.

Signature: 

Name/Title: James Overheul/Safety Manager