

**BG PRODUCTS, INC.**

701 South Wichita

Wichita, KS 67213

(316) 265-2686

Date: 09-09-04
Replaces: 02-27-02**540****MATERIAL SAFETY DATA SHEET**

Emergency Phone: (800) 424-9300

Section A. PRODUCT IDENTIFICATION

Product Number: 540, 5401, 54030

Product Name: Cooling System Flush

Product Use: Motor vehicle radiator flush

CAS Number: Not Applicable

HAZARD RATING:4 - EXTREME
3 - HIGH
2 - MODERATE
1 - SLIGHT
0 - INSIGNIFICANT**NFPA (704)**FLAMMABILITY: 0
HEALTH: 2
REACTIVITY: 0
SPECIAL: 0**HMIS**FLAMMABILITY: 0
HEALTH: 2
REACTIVITY: 0
PROTECTION: B**Section B. HAZARDOUS COMPONENTS**

COMPONENT	Percentage	CAS No.	EXPOSURE CRITERIA		
			OSHA	ACGIH	Other
Sodium citrate	Not Applicable	68-04-2	Not Established	Not Established	Not Established
Sodium tolytriazole	Not Applicable	64665-57-2	Not Established	Not Established	Not Established
Tetrasodium ethylenediamine tetraacetic acid	Not Applicable	64-02-8	Not Established	Not Established	Not Established
Ethoxylated polyoxypropylene	Not Applicable	9003-11-6	Not Established	Not Established	Not Established

Section C. PHYSICAL AND CHEMICAL PROPERTIES

pH: 10.04
VAPOR PRESSURE: Not Determined
% VOLATILES BY VOLUME: None
SOLUBILITY IN WATER: Soluble

ODOR: Slightly pungent
APPEARANCE: Green liquid
SPECIFIC GRAVITY (H₂O=1): 1.0290
FREEZING POINT: -1°C (30°F)

Section D. FIRE PROTECTION AND INFORMATION

FLASH POINT AND METHOD: Not Established
FLAMMABLE LIMITS IN AIR: Not Established
AUTO IGNITION TEMPERATURE: Not Established

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: None anticipated

INCOMPATIBILITY (CONDITIONS TO AVOID): Halogens, Elemental Metals and Alloys, Nitro Compounds, Organophosphates

Section F. HEALTH HAZARD INFORMATION

SKIN CONTACT: Repeated or prolonged skin contact may cause irritation.

EYE CONTACT: Direct contact with product may cause irritation.

INHALATION: Not anticipated. People with chemical sensitivities may notice some irritation of respiratory passages.

INGESTION: May be harmful if swallowed.

CARCINOGENICITY:

NTP?

IARC MONOGRAPHS?

OSHA REGULATED?

Section G. EMERGENCY FIRST AID PROCEDURES

SKIN CONTACT: Remove all contaminated clothing and flush affected area 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: Although unlikely, 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 for all inhalation exposure complaints.

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

Section H. SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS: Use local exhaust or other engineering controls to minimize exposure.

RESPIRATORY PROTECTION (SPECIFY TYPE): Use NIOSH/MSHA approved respirator with cartridge 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: Keep containers closed when not in use and away from temperature extremes. Use in well-ventilated areas. Physically segregate from incompatibles. Uniform Fire Code Level 3B material.

OTHER PRECAUTIONS:

Section J. ENVIRONMENTAL SPILL OR LEAK INFORMATION

SPILLS: Contain and collect the 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 a manner consistent with all applicable Federal, State and local regulations.

Section K. TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Cleaning liquid compound, not regulated

IMDG CLASSIFICATION: Cleaning liquid compound, not regulated.

DOT ERG No.: Not Applicable

NMF FREIGHTCLASS: 48580-1

DOT HAZARD NAME: Not Applicable

IMDG LABEL: Not Applicable

UN NUMBER: Not Applicable

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:

James Overheul

Name/Title: James Overheul/Safety Manager