

BG PRODUCTS INC -- COOL'R CLEAN'F FLUSH, PRODUCT #:541 -- 6850-01-387-4481  
===== Product Identification =====

Product ID:COOL'R CLEAN'F FLUSH, PRODUCT #:541

MSDS Date:05/10/1994

FSC:6850

NIIN:01-387-4481

MSDS Number: BWHCT

=== Responsible Party ===

Company Name:BG PRODUCTS INC

Address:701 S WICHITA

Box:1282

City:WICHITA

State:KS

ZIP:67201

Country:US

Info Phone Num:316-265-2686

Emergency Phone Num:

800-424-9300(CHEMTREC)

Preparer's Name:GARY E. CURMODE

CAGE:58579

=== Contractor Identification ===

Company Name:BG PRODUCTS INC

Address:701 S WICHITA

Box:1282

City:WICHITA

State:KS

ZIP:67201

Country:US

Phone:316-265-2686

CAGE:58579

Company Name:KASCO INC

Address:4481 BEECH ROAD

Box:City:TEMPLE HILLS

State:MD

ZIP:20748-6703

Country:US

Phone:301-423-5888

CAGE:1U435

===== Composition/Information on Ingredients =====

Ingred Name:INERT INGREDIENTS

Other REC Limits:NONE RECOMMENDE

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Ingred Name:THIOGLYCOLIC ACID  
CAS:68-11-1  
RTECS #:AI5950000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:S, 1 PPM  
ACGIH TLV:S, 1 PPM; 9394

Ingred Name:COMPLEX MIXTURE  
Other REC Limits:NONE RECOMMENDED

Ingred Name:ETHYLENE OXIDE (SARA III)  
CAS:75-21-8  
RTECS #:KX2450000  
Fraction by Wt: TRACES  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:SEE 1910.1047  
ACGIH TLV:1 PPM, A2; 9394  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

Ingred Name:1,4-DIOXANE (DIETHYLENE DIOXIDE) (SARA III)  
CAS:123-91-1  
RTECS #:JG82  
25000  
Fraction by Wt: TRACES  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:S, 100 PPM  
ACGIH TLV:S, 25 PPM; 9394  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

==== Hazards Identification =====

LD50 LC50 Mixture:PRODUCT AS A WHOLE NOT DETERMINED  
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:IRRITATING TO SKIN & EYES. MAY CAUSE  
DEFATTING OF SKIN. INHAL TOXICITY:INSIGNIFICAN

T. SKIN/EYES

IRRITANCY:MODERATE TO SERIOUS. RESPIRATORY TRACT

IRRITANCY:INSIGNIFICANT. ASPIRATION HAZARD:YES.

Explanation of Carcinogenicity:PER MSDS:CARCINOGENICITY:NOT DETERMINED.

Effects of Overexposure:SKIN/EYE IRRITANT.

Medical Cond Aggravated by Exposure:EXISTNG DERMATITIS.

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First Aid Measures  
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First Aid:EYE:FLUSH W/COPIOUS AMTS OF WATER FOR 15MIONS. IF IRRIT  
OCCURS SEE PHYSICIAN IMMED. SKIN:WASH EFFECTED AREA THOROUGHLY  
W/S

OAP & WATER. IF IRRIT OCCURS SEE PHYSICIAN IMMED. REMOVE ALL  
CONTAMIN CLOTHING . INHAL:REMOVE TO FRESH AIR. IF UNCONSCIOUS  
ADMINISTER ART RESP. CALL PHYSICIAN IMMED. GIVE OXY IF NEEDED.  
INGEST:DO NOT INDUCE VOMIT. CALL PHYSICIAN IMMED.

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Fire Fighting Measures  
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Flash Point:NONE

Extinguishing Media:CO2, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR SELF-CONTAINED,  
POSITIVE PRESSURE BREATHING APPARATUS & PERSONAL  
PROTECTIVE  
EQUIPMENT.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR & MAY TRAVEL  
CONSIDERABLE DISTANCES TO SOURCE OF IGNITION.

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Accidental Release Measures  
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Spill Release Procedures:DO NOT FLUSH INTO SEWER, DRAIN OR STREAM.  
ISOLATE SPILL. ABSORB W/INERT MATERIAL. TRANSFER TO APPROPRIATE DOT  
CONTAINER FOR DISPOSAL. WEAR PROPER PROTECTIVE EQPMT.

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Handling and Storage  
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Handling and Stor

age Precautions:STORE IN COOL, DRY WELL VENTILATED  
AREA. AVOID BREATHING FUMES. DO NOT EXPOSE TO SOURCES OF HEAT,  
SPARK, OR FLAME.

Other Precautions:PROD CONTAINS ETHYLENE OXIDE(TRACE) &  
1,4-DIOXANE(TRACE) CONSIDERED BY CA PROPOSITION 65 AS CAUSING  
CANCER/REPROD TOXICITY & FOR WHICH WARNINGS ARE NOW REQUIRED & MASS  
RIGHT-TO-KNOW LAW.

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Exposure Controls/Personal Protection  
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Respiratory Protection:AS REQUIRED BY EXPOSURE.

Ventilation:MECHANICAL REQ

UIRED.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:SAFETY GLASSES OR CHEMICAL GOGGLES.

Other Protective Equipment:AS REQUIRED BY EXPOUSRE; LONG-SLEEVED SHIRT  
RECOMMENDED.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRAC.DO NOT SMOKE  
WHILE USING.WASH HANDS AFT USE.LAUNDER ALL CONTAMIN CLOTHING PRIOR  
TO REUSE.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:B3

Boiling Pt:B.P. Text: