

MATERIAL SAFETY DATA SHEET

U. S. DEPARTMENT OF LABOR

COMPLIES WITH USDL SAFETY AND HEALTH REGULATIONS, (29 CFR 1910.1200)

IMPORTANT! THIS IS YOUR ONLY COPY. PLEASE DISTRIBUTE TO ALL PLANT LOCATIONS

CODE #: 5073

REV: 003

DATE SENT: 06/02/94

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SECTION I: PRODUCT DESCRIPTION: NO. 5073 CHEWING GUM REMOVER

JOHNSTON COMMUNITY  
COLLEGE  
HWY. 70 EAST  
SMITHFIELD, NC 27577

MANUFACTURER:  
HILL MFG CO., INC.  
1500 JONESBORO ROAD  
ATLANTA, GA 30315  
EMERGENCY (800) 535-5053  
M-F: 9-5 (404) 522-8364  
PREPARED BY: RICK GLISSON  
DATE PREPARED: 04/11/94

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SECTION II:

| HAZARDOUS INGREDIENTS: | CAS #:   | %: | TLV      | SARA III, #313 |
|------------------------|----------|----|----------|----------------|
| PROPANE                | 74-98-6  | >1 | NOT EST. |                |
| BUTANE                 | 106-97-8 | >1 | 800 PPM  |                |

HMIS RATINGS: HEALTH 1, FIRE 4, REACTIVITY 0, PERSONAL PROTECTION B

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SECTION III: PHYSICAL DATA

BOILING POINT (DEG. F.): -7.1 TO +31.1 F.  
VAPOR PRESSURE (PSIG AT 70 DEG. F): 46  
VAPOR DENSITY (AIR=1): NE  
SOLUBILITY IN WATER: NIL  
SPECIFIC GRAVITY (WATER=1): 0.56  
PERCENT, VOLATILE BY VOLUME (%): 100  
EVAPORATION RATE (BU AC=1): FASTER  
APPEARANCE AND ODOR: CLEAR, COLORLESS LIQUID, SWEET PETROLEUM ODOR  
PH: N/A

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SECTION IV: FIRE AND EXPLOSION DATA

FLASH POINT (METHOD USED): -76 DEG F  
FLAMMABLE LIMITS: LOWER: 1.9 UPPER: 9.5  
EXTINGUISHING MEDIA: DRY CHEMICAL, CO2, WATER FOG  
SPECIAL FIRE FIGHTING PROCEDURES: KEEP CONTAINERS COOL USING WATER SPRAY.  
USE PROPER EQUIPMENT TO PROTECT PERSONNEL FROM BURSTING CONTAINERS.  
EXTINGUISH ALL SOURCES OF IGNITION.  
UNUSUAL FIRE & EXPLOSION HAZARDS: CONTENTS UNDER PRESSURE. DO NOT EXPOSE TO  
TEMPERATURES EXCEEDING 120 DEG. F. AS CONTAINERS MAY VENT, RUPTURE OR BURST  
VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND OR MAY BE MOVED  
BY VENTILATION SYSTEMS AND IGNITED BY PILOT LIGHTS, OTHER FLAMES, SPARKS,  
HEATERS, SMOKING, ELECTRIC MOTORS, STATIC DISCHARGE OR OTHER IGNITION  
SOURCES AT LOCATIONS DISTANT FROM MATERIAL HANDLING POINT.  
TRANSPORTATION: DOT HAZARD CLASSIFICATION: ORM-D

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## SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 800 PPM ESTIMATED

EFFECTS OF OVEREXPOSURE: PRODUCT CAN CAUSE BURNS AND FROSTBITE ON CONTACT WITH SKIN DUE TO FREEZING EFFECT. DO NOT SPRAY ON SKIN, HAIR OR EYES. DO NOT INHALE VAPORS. AT HIGH CONCENTRATIONS PRODUCE SIGNS OF ANESTHESIA.

PRIMARY ROUTES OF EXPOSURE: INHALATION, SKIN

EMERGENCY & FIRST AID PROCEDURES: EYES & SKIN: AVOID CONTACT, MAY CAUSE BURNS AND/OR FROSTBITE. CALL PHYSICIAN IF BURNS OCCUR. REDDENED SKIN SHOULD BE MASSAGED GENTLY IN LUKEWARM WATER TO REVIVE AREA. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN & RESUSCITATE IF NECESSARY. GET MEDICAL ATTENTION. INGESTION: UNLIKELY ROUTE OF EXPOSURE, TREAT SYMPTOMATICALLY.

CARCINOGENICITY: NONE KNOWN.

PRIMARY ROUTES OF EXPOSURE: INHALATION, SKIN CONTACT

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## SECTION VI: REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: HEAT, SPARKS, OPEN FLAME &amp; WELDING ARCS.

INCOMPATIBILITY: NONE

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO<sub>2</sub>, VOLATILE HYDROCARBON VAPORS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR. CONDITIONS TO AVOID: NONE

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## SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: VENTILATE AREA AVOID SOURCES OF IGNITION. USE WATER FOG TO EVAPORATE OR VENTILATE.

PROTECT BODY AGAINST CONTACT WITH LIQUID. IF CONFINED SPACE, USE SELF-CONTAINED BREATHING APPARATUS. CONSULT LOCAL FIRE AUTHORITIES.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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## SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NONE IF KEPT BELOW TLV.

VENTILATION (LOCAL, MECHANICAL, SPECIAL): LOCAL EXHAUST.

PROTECTIVE GLOVES: NEOPRENE GLOVES FOR PROLONGED USE.

EYE PROTECTION: CHEMICAL SPLASH PROOF GOGGLES.

OTHER PROTECTIVE EQUIPMENT: NONE NORMALLY NEEDED.

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## SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: DO NOT STORE AT TEMPERATURES ABOVE 120 DEG. F. DO NOT PUNCTURE OR INCINERATE CONTAINERS. KEEP OUT OF REACH OF CHILDREN. STORE IN ACCORDANCE WITH NFPA 30B FOR LEV 3 AEROSOLS.

OTHER PRECAUTIONS: AS WITH ALL CHEMICALS, USE WITH DUE CARE ACCORDING TO LABEL INSTRUCTIONS AND PRECAUTIONS. KEEP OUT OF REACH OF CHILDREN. FOR COMMERCIAL/INDUSTRIAL USE ONLY.