Henkel

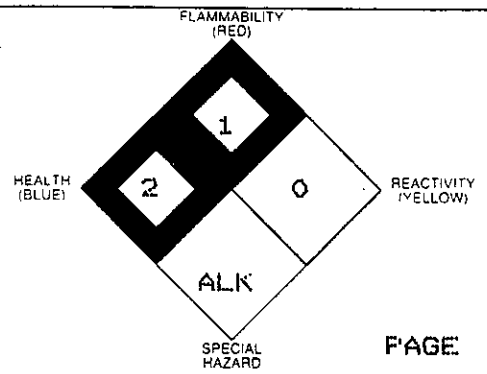
MATERIAL SAFETY DATA 1529-3000-00 2736

BK TW

NFPA Designation 704

DEGREE OF HAZARD

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



EMERGENCY TELEPHONE CONTACTS:
GEORGE DYCHDALA TECHNICAL: 215-628-1320
CHEMTREC: 800-424-9300

REVISION EFFECTIVE: 5/28/87 PRINTED: 6/16/87

INFORMATION PROVIDED BY	HENKEL CORPORATION CHEMICAL SERVICES DIVISION 300 BROOKSIDE AVENUE AMBLER, PENNSYLVANIA 19002
PREPARED FOR USE BY	PRAIRIE FARMS DAIRY 7TH & UNIVERSITY AVE. DES MOINES, IA 50314
**********	PRODUCT INFORMATION **********
SYNONYMS	CLEANING SOLUTION
FORMULA	NOT APPLICABLE - SOLUTION

CHARLES G. ALLEN
Prairie Farms Dairy Inc.
7th & University
Des Moines, Iowa 50314

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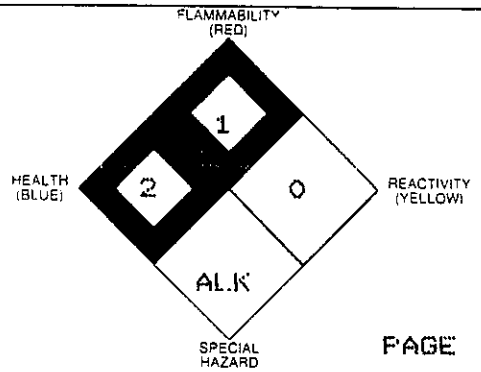

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HAZARDOUS COMPONENTS

BUTYL CELLOSOLVE

CAS #	111762
PERCENT	2.0% PLUS OR MINUS 0.5%
HAZARD	IRRITANT
TLV	120 MILLIGRAMS PER CUBIC METER
PEL	240 MILLIGRAMS PER CUBIC METER

BUTYL CARBITOL

CAS #	112345
PERCENT	1.0% PLUS OR MINUS 0.5%
HAZARD	IRRITANT
TLV	UNKNOWN
PEL	UNKNOWN

PHYSICAL DATA

MELTING POINT	NOT AVAILABLE
BOILING POINT	NOT AVAILABLE
ROOM TEMPERATURE APPEARANCE AND STATE	CLEAR, PALE YELLOW SOLUTION
ODOR	SURFACTANT
SPECIFIC GRAVITY (H2O=1)	1.066
SOLUBILITY IN WATER	COMPLETE
VOLATILES PERCENT	73% PLUS OR MINUS 5%
PH AS IS	GREATER THAN 12.5
PH OF 1 PERCENT SOLUTION	NOT AVAILABLE

FIRE, EXPLOSION AND REACTIVITY DATA

FLASH POINT	GREATER THAN 200 DEGREES FARENHEIT
EXTINGUISHING MEDIA	WATER, FOAM, CO2 OR DRY CHEMICAL
SPECIAL FIREFIGHTING PROCEDURES	WHEN FIRE FIGHTING, WEAR FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS.

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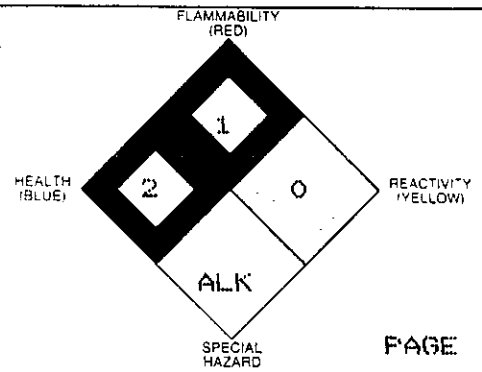

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**********	FIRE, EXPLOSION AND REACTIVITY DATA **********
STABILITY	STABLE
HAZARDOUS POLYMERIZATION	WILL NOT OCCUR
CONDITIONS TO AVOID	MAY PRODUCE HAZARDOUS FUMES OR HAZARDOUS DECOMPOSITION PRODUCTS.
INCOMPATIBILITY	ACIDS
HAZARDOUS DECOMPOSITION PRODUCTS	NONE KNOWN TO HENKEL.
**********	HEALTH HAZARD INFORMATION **********
	NO TESTS CONDUCTED BY HENKEL. INFORMATION FOR MIXTURES AND SOLUTIONS ESTIMATED FROM SAFETY DATA FOR COMPONENTS.
**********	ROUTES OF EXPOSURE **********
EYE CONTACT	"CAUTION" MODERATE IRRITANT.
SKIN CONTACT	"CAUTION" MODERATE IRRITANT.
SKIN ABSORPTION	"CAUTION" MODERATELY TOXIC. MAY BE HARMFUL IF ABSORBED THROUGH SKIN.
INHALATION	"CAUTION" MODERATELY TOXIC. MAY BE HARMFUL IF INHALED.
INGESTION	"CAUTION" MODERATELY TOXIC. MAY BE HARMFUL IF SWALLOWED.
**********	EFFECTS OF OVEREXPOSURE **********
ACUTE EXPOSURE	IRRITATING TO EYES
CHRONIC EXPOSURE	IRRITATING TO SKIN UPON REPEATED OR PROLONGED CONTACT

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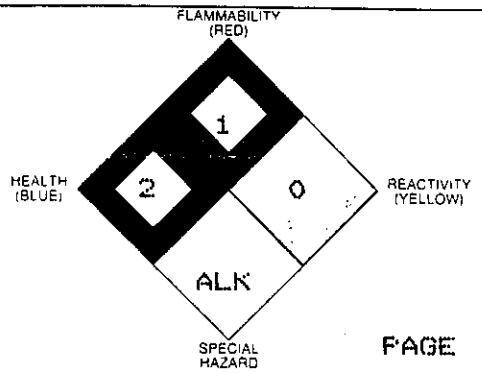

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**********	EMERGENCY AND FIRST AID PROCEDURES **********
EYES	IMMEDIATELY FLUSH WITH PLENTY OF CLEAN RUNNING WATER. GET MEDICAL ATTENTION.
SKIN	IMMEDIATELY FLUSH WITH PLENTY OF CLEAN RUNNING WATER. WASH SKIN WITH SOAP AND WATER. GET MEDICAL ATTENTION.
INHALATION	MOVE TO FRESH AIR.
INGESTION	DO NOT INDUCE VOMITING. IMMEDIATELY DRINK A LARGE QUANTITY OF MILK OR WATER AND CALL A PHYSICIAN.
**********	SPECIAL PROTECTION **********
VENTILATION REQUIREMENTS	GENERAL AREA EXHAUST
RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT	EYE PROTECTION SKIN PROTECTION RESPIRATORY PROTECTION
RESPIRATORY	RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE.
EYES	CHEMICAL GOGGLES.
SKIN	RUBBER OR PLASTIC GLOVES.
SPECIAL CLOTHING AND EQUIPMENT	EYEWASH FACILITY
**********	PRECAUTIONARY STATEMENTS **********
	PROTECT EYES, SKIN AND CLOTHING FROM CONTACT WITH PRODUCT. WEAR RECOMMENDED PROTECTIVE EQUIPMENT. WASH THOROUGHLY AFTER HANDLING.
**********	STORAGE **********
	KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

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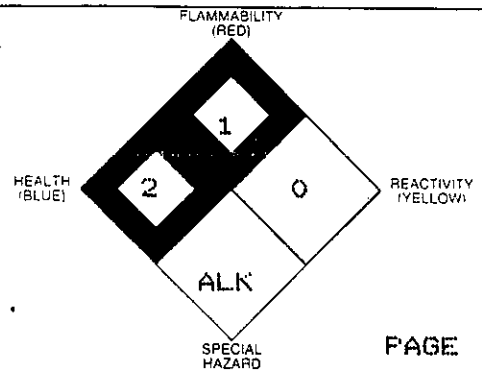

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**********	DISPOSAL, SPILL OR LEAK PROCEDURES **********
RELEASE OR SPILL	DIKE TO CONTAIN SPILL. (FOR SMALL SPILL, ADD DRY MATERIAL TO CONTAIN). WEARING RECOMMENDED PROTECTIVE EQUIPMENT, PICK UP BULK OF LIQUID. FLUSH AREA WITH PLENTY OF WATER, RINSE WITH DILUTE (5%) SOLUTION OF ACETIC ACID; COLLECT RINSATES FOR DISPOSAL OR SEWER, AS APPRORIATE.
DISPOSAL	THIS PRODUCT, IF DISPOSED AS SHIPPED, IS NOT A HAZARDOUS WASTE AS SPECIFIED IN 40 CFR 261. CONSULT STATE OR LOCAL OFFICIALS FOR PROPER DISPOSAL METHOD.
**********	TRANSPORTATION DATA **********
DOT PROPER SHIPPING NAME AND CLASSIFICATION	COMPOUND, CLEANING, LIQUID
**********	ADDITIONAL REGULATORY INFORMATION **********
PRODUCT CONTAINS ONLY MATERIALS WHICH ARE LISTED ON THE TSCA INVENTORY	YES
PRODUCT CONTAINS A MATERIAL LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN IN THE NTP ANNUAL REPORT	NO
PRODUCT CONTAINS A MATERIAL LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN IN THE IARC MONOGRAPHS	NO

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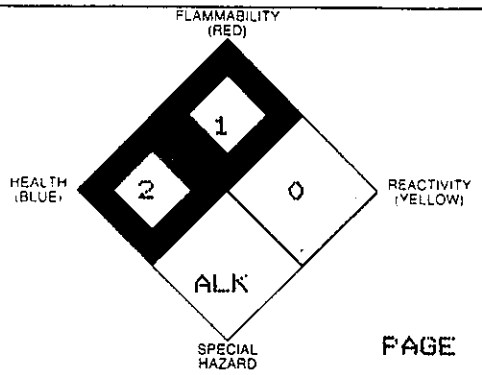

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**********	ADDITIONAL REGULATORY INFORMATION **********
PRODUCT CONTAINS A MATERIAL LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN IN OSHA 29CFR PART 1910 SUB PART Z	NO