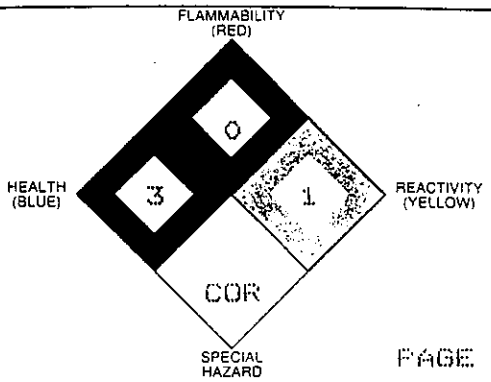
MATERIAL SAFETY DATA 1664-4300-00 2736

PRODUCT:
3 ASEPTO 350L

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: 5/15/89 PRINTED: 5/16/89

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	CHLORINATED ALKALINE CLEANING SOLUTION
FORMULA	NOT APPLICABLE - SOLUTION

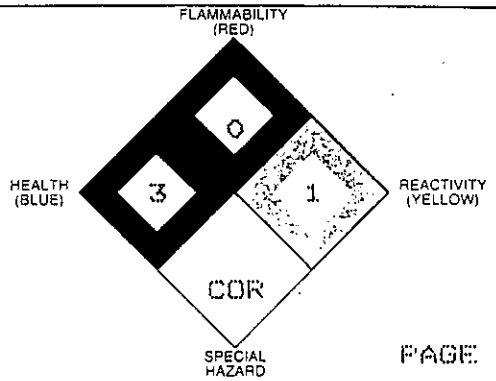
MATERIAL SAFETY DATA 1664-4300-00 2736

PRODUCT:
53 ASEPTO 350L

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: 5/15/89 PRINTED: 5/18/89

HAZARDOUS COMPONENTS

SODIUM HYPOCHLORITE

CAS #	7681-52-9
PERCENT	3.81% PLUS OR MINUS 0.19%
HAZARD	CORROSIVE
TLV	UNKNOWN
PEL	UNKNOWN

POTASSIUM HYDROXIDE

CAS #	1310-58-3
PERCENT	15.7% PLUS OR MINUS 0.8%
HAZARD	CORROSIVE
TLV	2 MG PER CUBIC METER (TWA CEILING)
PEL	UNKNOWN

PHYSICAL DATA

MELTING POINT	32 DEGREES FAHRENHEIT
BOILING POINT	212 DEGREES FAHRENHEIT
ROOM TEMPERATURE APPEARANCE AND STATE	CLEAR, YELLOW-GREEN SOLUTION
ODOR	CHLORINE
SPECIFIC GRAVITY (H2O=1)	1.274 PLUS OR MINUS 0.006
SOLUBILITY IN WATER	COMPLETE
VOLATILES PERCENT	66% PLUS OR MINUS 5%
PH AS IS	GREATER THAN 12.5
PH OF 1 PERCENT SOLUTION	GREATER THAN 12.5

FIRE, EXPLOSION AND REACTIVITY DATA

FLASH POINT	NONE - WATER BASE
EXTINGUISHING MEDIA	WATER, FOAM, CO2 OR DRY CHEMICAL
SPECIAL FIREFIGHTING PROCEDURES	WHEN FIRE FIGHTING, WEAR FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS.

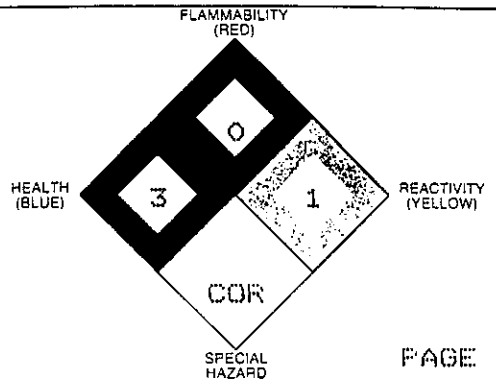
MATERIAL SAFETY DATA 1664-4300-00 2736

PRODUCT:
ASEPTO 350L

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: 5/15/89 PRINTED: 5/18/89

**********	FIRE, EXPLOSION AND REACTIVITY DATA **********
STABILITY	STABLE
HAZARDOUS POLYMERIZATION	WILL NOT OCCUR
CONDITIONS TO AVOID	HEATING MAY CAUSE PRESSURE BUILD-UP AND POSSIBLE RUPTURE OF THE CONTAINER.
INCOMPATIBILITY	ACIDS, REDUCING AGENTS, REACTIVE METALS
HAZARDOUS DECOMPOSITION PRODUCTS	DO NOT MIX WITH ACIDIC PRODUCTS AS THIS COULD LIBERATE TOXIC, CORROSIVE CHLORINE GAS.
**********	HEALTH HAZARD INFORMATION **********
	NO TESTS CONDUCTED BY HENKEL. INFORMATION FOR MIXTURES AND SOLUTIONS ESTIMATED FROM SAFETY DATA FOR COMPONENTS.
**********	ROUTES OF EXPOSURE **********
EYE CONTACT	DANGER! CORROSIVE. CAUSES SEVERE EYE BURNS.
SKIN CONTACT	DANGER! CORROSIVE. CAUSES SEVERE SKIN BURNS.
SKIN ABSORPTION	"WARNING" TOXIC. HARMFUL IF ABSORBED THROUGH SKIN.
INHALATION	"WARNING" TOXIC. HARMFUL IF INHALED.
INGESTION	"WARNING" TOXIC. HARMFUL IF SWALLOWED.
**********	EFFECTS OF OVEREXPOSURE **********
ACUTE EXPOSURE	SEVERELY IRRITATING TO EYES; POSSIBLE PERMANENT INJURY
CHRONIC EXPOSURE	POSSIBLE DERMATITIS

Henkel

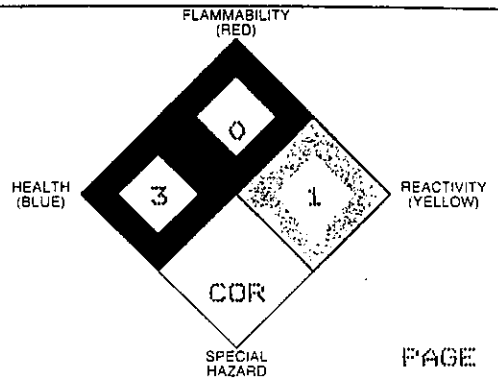
MATERIAL SAFETY DATA 1664-4300-00 2736

PRODUCT:
33 ASEPTO 350L

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: 5/15/89 PRINTED: 5/18/89

EMERGENCY AND FIRST AID PROCEDURES

EYES	IMMEDIATELY FLUSH EYES WITH PLENTY OF CLEAN RUNNING WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN.
SKIN	IMMEDIATELY FLUSH SKIN WITH PLENTY OF CLEAN RUNNING WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. CALL A PHYSICIAN. WASH CLOTHING BEFORE REUSE.
INHALATION	IMMEDIATELY MOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN.
INGESTION	DO NOT INDUCE VOMITING. IMMEDIATELY DRINK A LARGE QUANTITY OF MILK OR WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL A PHYSICIAN.

SPECIAL PROTECTION

VENTILATION REQUIREMENTS	LOCAL EXHAUST
RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT	EYE PROTECTION SKIN PROTECTION RESPIRATORY PROTECTION
RESPIRATORY	AIR-PURIFYING RESPIRATOR WITH AN ACID GAS VAPOR CARTRIDGE.
EYES	FULL FACE SHIELD AND CHEMICAL GOGGLES.
SKIN	SPLASH APRON, RUBBER GLOVES AND BOOTS
SPECIAL CLOTHING AND EQUIPMENT	SAFETY SHOWER, EYEWASH FACILITY

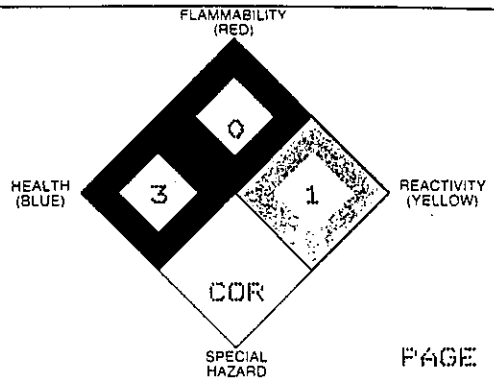
PRECAUTIONARY STATEMENTS

DO NOT GET PRODUCT IN EYES, ON SKIN OR ON CLOTHING. WEAR RECOMMENDED PROTECTIVE EQUIPMENT. DO NOT INHALE PRODUCT. USE ONLY WITH ADEQUATE VENTILATION. KEEP CONTAINER CLOSED WHEN NOT IN USE. WASH THOROUGHLY AFTER HANDLING.

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: 5/15/89 PRINTED: 5/18/89

**********	STORAGE **********
	PRODUCT IS PROVIDED IN A CONTAINER WITH A VENTED CAP OR PLUG. KEEP IN AN UPRIGHT POSITION TO PREVENT LEAKING OR SPILLAGE FROM VENT.
**********	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, MEETS EPA CRITERIA OF A HAZARDOUS WASTE AS SPECIFIED IN 40 CFR 261 ON THE BASIS OF ITS CORROSIVITY. DISPOSE OF IN A LICENSED HAZARDOUS WASTE DISPOSAL FACILITY IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS
**********	ADDITIONAL INFORMATION **********
	NOTE TO PHYSICIAN: CORROSIVE, MAY CAUSE STRICTURE, IF LAVAGE IS PERFORMED, SUGGEST ENDOTRACHEAL AND/OR ESOPHAGOSCOPIC CONTROL. IF SKIN BURN IS PRESENT, TREAT AS ANY THERMAL BURN AFTER DECONTAMINATION, NO SPECIFIC ANTIDOTE. TREATMENT BASED ON JUDGEMENT OF THE PHYSICIAN IN RESPONSE TO REACTIONS OF THE PATIENT.
**********	TRANSPORTATION DATA **********
DOT PROPER SHIPPING NAME AND CLASSIFICATION	COMPOUND, CLEANING, LIQUID, CORROSIVE MATERIAL - NA1760

Henkel

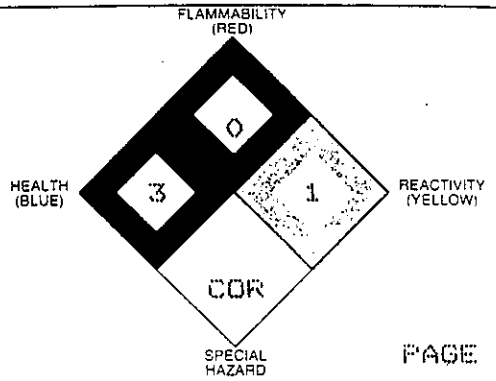
MATERIAL SAFETY DATA 1664-4300-00 2736

PRODUCT:
P3 ASEPTO 350L

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: 5/15/89 PRINTED: 5/18/89

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

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