Daly-Herring Co.
P.O. Box 428
Kinston, N.C. 28502-0428

MATERIAL SAFETY DATA SHEET

(ESSENTIALLY SIMILAR TO FORM OSHA-20)
SEE IMPORTANT NOTICE ON BOTTOM OF OTHER SIDE

EMERGENCY PHONES:
CHEMTREC.....800-424-9300 (24 hrs.)
DALY-HERRING CO ...919-527-8001 (8-5)

I. PRODUCT IDENTIFICATION

MANUFACTURER'S NAME AND ADDRESS
DALY-HERRING COMPANY, P.O.BOX 428/NEUSE ROAD, KINSTON, NC. 28501

CHEMICAL NAME
BLEND

CHEMICAL FORMULA
Proprietary

TRADE NAME AND SYNONYMS
D-H SURFACTANT 80 Cardinal Surfactant 80
Royster Chem Pest

CHEMICAL FAMILY
ALCOHOL BLEND

II - HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT	% (wt)	PEL (Units)
All information contained on this sheet was taken from MSDS for the individual componets and reflects the most dangerous effect of those components.		
Nonylophenoxypoly (Ethyleneoxy) Ethanol	Proprietary	
Isopropyl Alcohol	Proprietary	

III - PHYSICAL DATA

BOILING POINT (°F.) NOT DETERMINED	SPECIFIC GRAVITY (H_2O=1) 1.03 at 20 C
VAPOR PRESSURE (mm Hg.) NOT DETERMINED	PERCENT, VOLATILE BY VOLUME (%) NOT DETERMINED
VAPOR DENSITY (AIR=1) NOT DETERMINED	EVAPORATION RATE NOT DETERMINED
SOLUBILITY IN WATER SOLUBLE	APPEARANCE AND ODOR CLEAR ALMOST COLORLESS LIQUID/ALCOHOL ODOR

IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)
NOT DETERMINED

FLAMMABLE LIMITS Lower Upper
NOT DETERMINED

EXTINGUISHING MEDIA
DRY CHEMICAL OR ALCOHOL-TYPE FOAM. WATER SPRAY MAY BE INEFFECTIVE

SPECIAL FIRE FIGHTING PROCEDURES
USE WATERSPRAY TO COOL FIRE-EXPOSED SURFACES AND TO PROTECT PERSONNEL

UNUSUAL FIRE AND EXPLOSION HAZARDS
RESPIRATORY PROTECTION REQUIRED FOR FIRE FIGHTING PERSONNEL. STAY UPWIND, IF POSSIBLE. COOL EXPOSED TANKS WITH WATER.

V - REACTIVITY DATA

STABILITY			CONDITIONS TO AVOID
	UNSTABLE		
	STABLE	X	NONE

INCOMPATABILITY (Materials to avoid) ALKYLENE OXIDES, ACID ANHYDRIDES, INORGANIC ACIDS, ORGANIC ACIDS, HALOGENS, PHOSPHORUS TRICHLORIDE, ALDEBYDES, MONNMERS, POLYMERIZABLE ESTERS, HYDROGEN WITH PALLADIUM AND STORING THIS PRODUCT IN ALUMINUM VESSELS.

HAZARDOUS DECOMPOSITION PRODUCTS
NONE

HAZARDOUS POLYMERIZATION			CONDITIONS TO AVOID
Not Determined	MAY OCCUR		
	WILL NOT OCCUR		

2/2

VI - HEALTH HAZARD DATA

OSHA PERMISSIBLE EXPOSURE LIMIT

NOT ESTABLISHED

EFFECTS OF OVEREXPOSURE SYMPTOMS OF OVEREXPOSURE INCLUDE SUCH AFFECTS AS HEADACHE, DIZZI NAUSEA, INCOORDINATION, DROWSINESS AND LOSS OF CONSCIOUSNESS.

INHALATION: HIGH CONCENTRATIONS OF VAPOR CAN IRRITATE RESPIRATORY TRACT AND MAY CAUSE BRONCHOPNEUMONIA OR PULMONARY EDEMA.

SKIN CONTACT/ABSORPTION: PROLONGED AND REPEATED CONTACT MAY CAUSE DRYNESS AND IRRITATION.

INGESTION: MAY CAUSE MARKED AND PERSISTENT NAUSEA, VOMITING AND ABDOMINAL PAIN. IF VOMITING OCCURS FOLLOWING INGESTION, ASPIRATION (BREATHING) OF VOMITUS INTO THE LUNGS CAN CAUSE BRONCHOPNEUMONIA OR PULMONARY EDEMA.

EYES: LIQUID OR VAPOR CONTACT CAN CAUSE IRRITATION.

EMERGENCY AND FIRST AID PROCEDURES

EYES AND SKIN WASH SKIN WITH SOAP AND WATER. REMOVE CONTANINATED CLOTHING AND FLUSH EYES FOR 15 MIN. GET MEDICAL ATTENTION. (SHOES. DO NOT REUSE UNTIL CLEANED. IF (PERSISTENT IRRITATION, GET MEDICAL ATTENTION)

INHALATION REMOVE VICTIM TO FRESH AIR. GET MEDICAL ATTENTION

INGESTION GIVE 2 GLASSES WATER AND INDUCE VOMITING BY TOUCHING FINGER TO BACK OF THROAT. GET MEDICAL ATTENTION.

VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

ABSORB WITH INERT MATERIAL AND DISPOSE OF WITH SOLID WASTE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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

VIII - SPECIAL PROTECTION INFORMATION

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY USE APPROVED RESPIRATORY PROTECTION IF USED IN A CLOSED SPACE

EYE GOGGLES

SKIN CHEMICAL RESISTANT GLOVES

OTHER USUALLY NOT NEEDED

VENTILATION REQUIREMENTS

EXPLOSION PROOF VENTILATION EQUIPMENT

IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT HANDLE OR STORE NEAR FLAME, HEAT OR STRONG OXIDANTS. ADEQUATE VENTIALTION REQUIRED. CONTAINERS OF MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, ETC.) OBSERVE ALL HAZARD PRECAUTIONS OUTLINED IN THIS SHEET.

OTHER PRECAUTIONS

DATE: 2/5/85 PREPARED BY:

NOTICE: Daly-Herring Co. believes that the information contained on this Material Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all-inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with nor followed in violation of applicable laws, regulations, rules, or insurance requirements.
NO WARRANTY, EXPRESS OR IMPLIED, OR MERCHANTABILITY, FITNESS