

# MATERIAL SAFETY DATA SHEET

QUICK IDENTIFIER

SOAK N SHINE

CUSTOMER NAME AND ADDRESS

SCHOOL CRAFT COMMUNITY COLLEGE  
FOOD SERVICE DEPT  
19500 HAGGERTY ROAD  
LIVONIA, MI 48152

MANUFACTURER'S NAME & ADDRESS

DuBOIS CHEMICALS  
DIV. OF CHEMED CORP.  
3630 E. KEMPER ROAD  
SHARONVILLE, OHIO 45241

EMERGENCY PHONE NO.

613-769-4200

REFERENCE

B/L# 266702

INV# 01-76530

PREPARED BY W. J. CORBETT

ON 09/25/86

ABBREVIATIONS: C-CEILING, MP-MAXIMUM PEAK, N/A-NOT APPLICABLE, N/K-NOT KNOWN, P-POTENTIAL, PEL-PERMISSIBLE EXPOSURE LIMIT, PM-PENSKY MARTENS, S-SKIN, ST-SHORT TERM, TLV-THRESHOLD LIMIT VALUE, TWA-TIME WEIGHTED AVERAGE.

## SECTION 1 - IDENTITY

COMMON NAME USED ON LABEL SOAK N SHINE

CODE 03961

CHEMICAL FAMILY SELF-FOAMING, CHLORINATED CLEANER/PRESOAK

## SECTION 2 - HAZARDOUS INGREDIENTS (ONLY ITEMS LISTED ARE HAZARDOUS BY TITLE 29CFR 1910.1200)

PRINCIPAL HAZARDOUS COMPONENT(S) CHEMICAL & COMMON NAME

POTASSIUM HYDROXIDE

%

<2

EXPOSURE LIMITS (TWA 8 HOUR UNLESS OTHERWISE SPECIFIED)

TLV C 2; PEL 2

UNITS

MG/M3

## SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (FIRE & EXPLOSION DATA)

BOILING POINT 215 °F SPECIFIC GRAVITY 1.116 VAPOR PRESSURE 17.5 20 MMHg@ °C VOLATILE BY VOLUME 75 %

VAPOR DENSITY AIR = 1 N/A EVAPORATION RATE (n-BUTYL ACETATE=1) >1 SOLUBILITY IN WATER 100 % REACTIVITY / HEAT IN WATER / EVOLUTION LOW

APPEARANCE & ODOR CLEAR LIQUID; MILD ODOR

FLASH POINT NONE °F FLAME EXTENSION N/A in. FLAMMABLE LIMITS LOWER UPPER NONE NONE AUTO IGNITION TEMPERATURE N/A °F

EXTINGUISHER MEDIA CO2, DRY CHEMICALS

FIREFIGHTING KEEP COOL

SPECIAL PROCEDURES

UNUSUAL FIRE AND EXPLOSION HAZARDS NONE

## SECTION 4 - PHYSICAL HAZARDS

STABILITY STABLE POLYMERIZATION NONE INCOMPATIBLE CONTACT WITH MINERAL ACIDS WILL WITH

DECOMPOSITION PRODUCTS CL2 WITH INCOMPLETE COMBUSTION

## SECTION 5 - HEALTH HAZARDS

PRIMARY ROUTES OF ENTRY INHALATION YES SKIN NO INGESTION YES

SIGNS AND SYMPTOMS OF OVEREXPOSURE 1. ACUTE DEFATS SKIN; IRRITATES EYES MISTS ARE RESPIRATORY IRRITANTS

2. CHRONIC SAME AS ACUTE

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE SENSITIVE SKIN

LISTED CARCINOGEN NONE

NTP NO

IARC NO

OSHA NO

## EMERGENCY AND FIRST AID PROCEDURES

1. INHALATION N/A IN NORMAL OPERATION

2. EYES FLUSH THOROUGHLY WITH FRESH WATER, GET MEDICAL ATTENTION

3. SKIN FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER REMOVE CONTAMINATED CLOTHES AND SHOES

4. INGESTION GIVE MILK, WATER OR EGG WHITES DO NOT INDUCE VOMITING, GET MEDICAL ATTENTION

## SECTION 6 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION NONE

VENTILATION LOCAL NO

VENTILATION MECHANICAL PRODUCING NORMAL AIR DILUTION SPECIAL NONE

PROTECTIVE GLOVES ALKALI RESISTANT

EYE PROTECTION FACE SHIELD WHEN POURING

OTHER PROTECTIVE CLOTHING/EQUIPMENT NONE

## SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

HANDLING AND STORAGE PRECAUTIONS KEEP FROM FREEZING. IF FROZEN, THAW AND MIX TO MAKE USABLE. KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT PRESSURE CONTAINER TO EMPTY.

OTHER PRECAUTIONS DOT CORROSIVE; CAUTIONS ON CONTAINER LABEL. NA 1760

IF MATERIAL IS RELEASED/SPILLED FLUSH SMALL AMOUNTS TO DRAIN; COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER.

WASTE DISPOSAL METHODS PH ADJUSTMENT; CONTAINS PHOSPHOROUS. USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER TRIPLE RINSE WITH WATER, ADD TO OPERATION REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL



DuBOIS TOWER • CINCINNATI, OHIO 45202

ATTENTION: SAFETY DIRECTOR

Dear Customer:

The purpose of this letter is to briefly describe the requirements of the Federal OSHA's Hazard Communication Act as they apply to the chemical products that we sell to you. We also want to let you know how we are complying.

The OSHA standard as published in Title 29 CFR 1910.1200 mandates compliance with its labeling and Material Safety Data Sheet (MSDS) requirements by November 25, 1985. Under this standard, we must assess the hazards of each of the products that we sell to you. We must identify any hazardous ingredients in the product on its shipping container label. We must also prepare an MSDS containing detailed safety and health information concerning these hazardous ingredients for each product. Commencing on November 25, 1985, we must supply this MSDS to our customers in manufacturing industries, SIC Codes 20 through 39, either with the initial product shipment or send it under separate cover prior to or at the time of shipment. Since many of our customers are outside of the covered industries yet their employees have the same product exposure, we have elected to supply this information to all of our customers regardless of SIC Code category.

Accordingly, we are pleased to supply MSDS information for any products in the current shipment that are being shipped to you for the first time since the November 25, 1985 commencement date. Information for one such product is on the back side of this letter.

If you need additional copies, perhaps for other of your locations, please request them by writing to:

DuBois Chemicals  
MSD Compliance Department  
900 DuBois Tower  
Cincinnati, OH 45202-3178

Our MSDS's contain useful health and safety precautions information to help you to set up your employee training program, which is to be in place by May 25, 1986. We also provide spill cleanup and disposal information on the MSDS's to assist you in complying with EPA's requirements.

If we can be of further service in this matter, do not hesitate to get in touch with us. We greatly appreciate our business relationship with you and look forward to continuing to serve your needs in the future.

Yours very truly,

DuBois Chemicals

