

# MATERIAL SAFETY DATA SHEET

**PRODUCT NAME:** BAKERY PAN DETERGENT  
**CHEMICAL FAMILY:** DETERGENT  
**PHYSICAL HAZARD:** NONE  
**HEALTH HAZARD:** EYE & SKIN HAZARD  
**HAZARD RATINGS:** HEALTH: 3  
FLAMMABILITY: 0  
REACTIVITY: 0

**NUMBER:** DMN-274  
**REVISED:** 5/16/01

**DAMON INDUSTRIES, INC.**  
**BOX 2120, ALLIANCE, OH 44601**

0 = Insignificant  
1 = Slight  
2 = Moderate  
3 = Serious  
4 = Severe

**24 HOUR EMERGENCY ONLY PHONE:** 1-800-535-5053

**INFORMATION PHONES:** 1-800-362-9850  
OR 330-821-5310  
**FAX:** 330-821-6355

**D.O.T. HAZARD CLASS:** NOT CONSIDERED HAZARDOUS UNDER CFR 49

## SECTION 2 - HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>PERCENT</u>	<u>TWA</u>	<u>STEL</u>	<u>CEILING</u>
SODIUM METASILICATE	6834-92-0	30 - 60%	-	-	-

THE BALANCE OF INGREDIENTS ARE NOT CONSIDERED HAZARDOUS UNDER CFR 29 1910.1200.

NONE OF THE INGREDIENTS ARE LISTED AS CARCINOGENS BY N.T.P., I.A.R.C. OR OSHA.

## SECTION 3 - PHYSICAL DATA

**BOILING POINT:** 162° F.  
**SPECIFIC GRAVITY:** 1.75  
**VAPOR PRESSURE:** NOT APPLICABLE  
**PERCENT VOLATILES:** NOT APPLICABLE  
**VAPOR DENSITY:** NOT APPLICABLE  
**EVAPORATION RATE:** NONE  
**SOLUBILITY IN WATER:** COMPLETE  
**pH:** 1.0% SOLUTION = 12.5 ± 0.5  
**APPEARANCE AND ODOR:** WHITE GRANULAR SOLID - NO ODOR.

**SKIN CONTACT:** IMMEDIATELY FLUSH EXPOSED AREA WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE RE-USE.

**INGESTION:** DO NOT INDUCE VOMITING. DILUTE BY GIVING A GLASS OF WATER OR MILK TO DRINK. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. TREAT FOR SHOCK BY KEEPING WARM AND QUIET. GET MEDICAL ATTENTION IMMEDIATELY.

**INHALATION:** IF AFFECTED, REMOVE PERSON TO FRESH AIR. IF IRRITATION PERSISTS GET MEDICAL ATTENTION.

## SECTION 4 - FIRE AND EXPLOSION DATA

**FLASH POINT:** NONE ASTM D-56 CLOSED CUP  
**LOWER EXPLOSIVE LIMIT:** NOT APPLICABLE.  
**UPPER EXPLOSIVE LIMIT:** NOT APPLICABLE

**EXTINGUISHING MEDIA:** NONE  
**SPECIAL FIRE FIGHTING PROCEDURES:** NONE  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** NONE

## SECTION 7 - SPECIAL PRECAUTIONS

### SPILL/LEAK PROCEDURES

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

EMPTY CONTAINERS RETAIN PRODUCT RESIDUE AND MAY BE HAZARDOUS. STORE IN A COOL DRY PLACE. PRODUCT ABSORBS MOISTURE FROM AIR. KEEP CONTAINERS CLOSED. OBSERVE ALL PRECAUTIONS GIVEN IN THIS DATA SHEET.

## SECTION 5 - REACTIVITY DATA

**STABILITY:** STABLE **INCOMPATIBILITY:** NONE  
**HAZARDOUS DECOMPOSITION PRODUCTS:** NONE  
**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR.

### STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

**SMALL SPILL:** A POUND OR LESS MAY BE WASHED TO SEWER WITH A LARGE AMOUNT OF WATER.  
**LARGE SPILL:** SWEEP UP MATERIAL AND PLACE IN CLEAN DRY DRUM.

## SECTION 6 - HEALTH HAZARD DATA

**THRESHOLD LIMIT VALUE (TLV):** NONE KNOWN

**PRIMARY ROUTES OF ENTRY:**  
 THROUGH SKIN  INHALATION  INGESTION

### EFFECTS OF OVEREXPOSURE:

**EYES** - POWDER CAN CAUSE EYE DAMAGE. DILUTIONS CAUSE IRRITATION & REDNESS  
**SKIN** - POWDER CAN CAUSE SKIN DAMAGE. DILUTIONS CAN CAUSE IRRITATION, REDDENING, DERMATITIS.  
**SWALLOWING** - MAY RESULT IN DAMAGE TO MUCOUS MEMBRANES.  
**BREATHING** - EXCESSIVE INHALATION OF DUST CAN CAUSE IRRITATION.

**WASTE DISPOSAL METHOD:** NEUTRALIZE TO WITHIN pH LIMITS OF YOUR WASTE WATER SYSTEM AND THEN DISPOSE OF IN SEWER. COMPLY WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

### FIRST AID PROCEDURES:

**EYE CONTACT:** IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET MEDICAL ATTENTION.

## SECTION 8 - PROTECTIVE EQUIPMENT

**RESPIRATORY PROTECTION:** NONE UNDER EXPECTED USE CONDITIONS.

**VENTILATION:** GOOD ROOM VENTILATION.

**PROTECTIVE GLOVES:** WEAR RESISTANT GLOVES SUCH AS: NEOPRENE.

**EYE PROTECTION:** SAFETY GLASSES WITH SIDE SHIELDS.

**OTHER PROTECTIVE EQUIPMENT:** IMPERVIOUS CLOTHING.

## OTHER REGULATORY INFORMATION

THE COMPONENTS OF THIS PRODUCT ARE ON THE TSCA INVENTORY OF CHEMICAL SUBSTANCES.

THE INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.