

KO MANUFACTURING, INC. MATERIAL SAFETY DATA SHEET

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#2202

SECTION 1: GENERAL INFORMATION

PRODUCT NAME	HAIR AND BODY SOAP	DATE PREPARED	11-19-2002
CHEMICAL NAME & SYNONYMS	BODY SHAMPOO/SHOWER GEL	SUPERSEDES	3-16-1998
CHEMICAL FAMILY	SURFACTANT BLEND	24 HOUR EMERGENCY ASSISTANCE	CHEMTREC 1-800-424-9300
FORMULA	PROPRIETARY BLEND		

SECTION II: PHYSICAL DATA

pH (1% SOLUTION)	7.0-7.5	SOLUBILITY IN WATER	APPRECIABLE
BOILING RANGE	212°F	EVAPORATION RATE (WATER = 1)	<1
% VOLATILE BY VOLUME	75%		
SPECIFIC GRAVITY	1.02		
APPEARANCE & ODOR	FRAGRANT, VIOLET LIQUID		

SECTION III: HAZARDOUS INGREDIENTS

PRINCIPAL HAZARDOUS COMPOUNDS	%	THRESHOLD LIMIT VALUE (UNITS)
PROPYLENE GLYCOL	<5	Not Est.
CITRIC ACID	<1	5mg per Cubic Meter

SECTION IV: FIRE & EXPLOSION HAZARD DATA

FLASH POINT (TEST METHOD)	NOT ESTABLISHED
FLAMMABILITY LIMITS	NOT ESTABLISHED
EXTINGUISHING MEDIA	DRY CHEMICAL, WATER FOG, CARBON DIOXIDE, ALCOHOL FOAM
SPECIAL FIRE FIGHTING PROCEDURES	NA
FIRE AND EXPLOSION HAZARDS	NA

SECTION V: HEALTH HAZARD DATA

ACGIH THRESHOLD LIMIT VALUE	NOT ESTABLISHED FOR MIXTURE
CARCINOGEN - NTP PROGRAM	NONE
CARCINOGEN - IARC PROGRAM	NONE
PRIMARY ROUTES OF ENTRY	CAN BE IRRITATING TO EYES. PROLONGED SKIN CONTACT MAY CAUSE IRRITATION. INHALATION OF HIGH MIST CONCENTRATION MAY BE IRRITATING TO THE RESPIRATORY TRACT. HARMFUL IF SWALLOWED.
CHRONIC HEALTH HAZARDS	NONE KNOWN
EMERGENCY FIRST AID	EYES: FLUSH WITH LARGE AMOUNTS OF WATER. SKIN: RINSE THOROUGHLY WITH WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION: DILUTE BY DRINKING 2 LARGE GLASSES OF WATER. GET MEDICAL ATTENTION.

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SECTION V: HEALTH HAZARD DATA (Cont'd)

SECTION 313 SUPPLIER NOTIFICATION

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III, SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND 40CFR372:

CAS#	CHEMICAL NAME	PERCENT BY WEIGHT
NONE		

SECTION VI: REACTIVITY DATA

STABILITY	STABLE	CONDITIONS TO AVOID	EXTREME HEAT
MATERIALS TO AVOID	NA	HAZARDOUS POLYMERIZATION	WILL NOT OCCUR
HAZARDOUS DECOMPOSITION PRODUCTS	THERMAL DECOMPOSITION MAY PRODUCE CARBON MONOXIDE, CARBON DIOXIDE, HYDROGEN SULFIDE, AND OXIDES OF SULFUR		

SECTION VII: ENVIRONMENTAL PROTECTION

SPILL RESPONSE	ABSORB WITH INERT MATERIAL AND COLLECT FOR DISPOSAL. FLUSH AREA WITH WATER.
WASTE DISPOSAL METHOD	INCINERATE OR USE BIOLOGICAL TREATMENT OR LANDFILL IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS

SECTION VIII: SPECIAL PROTECTION INFORMATION

EYE PROTECTION	CHEMICAL GOGGLES	SKIN PROTECTION	IMPERVIOUS GLOVES
RESPIRATORY PROTECTION	NONE	VENTILATION RECOMMENDED	GENERAL
OTHER PROTECTION			

SECTION IX: SPECIAL PRECAUTIONS

HANDLING & STORAGE PRECAUTIONS	AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING. AVOID BREATHING MIST.
OTHER PRECAUTIONS	KEEP CONTAINER AWAY FROM HEAT AND OPEN FLAME. KEEP CONTAINER CLOSED.

The information provided in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the users responsibility to determine the suitability of this information for the information for the adoption of safety precautions as may be necessary. We reserve the right to revise Material Safety Data Sheets from time to time as new technical information becomes available. The information contained herein if furnished without warranty of any kind.