

**MANUFACTURING, INC.****MATERIAL SAFETY DATA SHEET****P.O. BOX 3574 SPRINGFIELD, MO 65808 417.866.8000 FAX 417.866.2662**

© copyright 2004 KO Manufacturing, Inc. All Rights Reserved

www.komfg.com

#5126

**SECTION 1: GENERAL INFORMATION**

PRODUCT NAME	KO PREMIUM LAUNDRY CONCENTRATE	DATE PREPARED	10/15/2004
CHEMICAL NAME & SYNONYMS	CHEMICAL BLEND	SUPERSEDES	8/30/2001
CHEMICAL FAMILY	ALKALINE	24 HOUR	CHEMTREC
FORMULA	PROPRIETARY	EMERGENCY ASSISTANCE	1-800-424-9300

**SECTION II: PHYSICAL DATA**

pH (1% SOLUTION)	11.0-11.5	SOLUBILITY IN WATER	APPRECIABLE
BOILING RANGE	NA	EVAPORATION RATE (WATER = 1)	NA
% VOLATILE BY VOLUME	NA		
SPECIFIC GRAVITY	NA		
APPEARANCE & ODOR	WHITE POWDER WITH A CITRUS FRAGRANCE		

**SECTION III: HAZARDOUS INGREDIENTS**

PRINCIPAL HAZARDOUS COMPOUNDS	%	THRESHOLD LIMIT VALUE ( UNITS)
LINEAR ALCOHOL ETHOXYLATE	<10	NOT EST. (SEVERE EYE IRRITANT)
SODIUM CARBONATE	<45	IRRITANT
SODIUM METASILICATE	<25	2 MG/CUBIC METER

**SECTION IV: FIRE & EXPLOSION HAZARD DATA**

FLASH POINT (TEST METHOD)	DOES NOT FLASH
FLAMMABILITY LIMITS	NA
EXTINGUISHING MEDIA	NA
SPECIAL FIRE FIGHTING PROCEDURES	NONE
FIRE AND EXPLOSION HAZARDS	NONE

**SECTION V: HEALTH HAZARD DATA**

ACGIH THRESHOLD LIMIT VALUE	NOT ESTABLISHED FOR MIXTURE
CARCINOGEN - NTP PROGRAM	NO
CARCINOGEN - IARC PROGRAM	NO
PRIMARY ROUTES OF ENTRY	INGESTION CAN CAUSE NAUSEA, VOMITING, DIARRHEA. VERY IRRITATING TO EYES. SOLUTIONS ARE MODERATELY STRONG ALKALIS AND CAN CAUSE IRRITATION TO SKIN TISSUE. INHALATION OF DUST CAN CAUSE IRRITATION TO NOSE, THROAT, AND LUNGS.
CHRONIC HEALTH HAZARDS	NONE KNOWN
EMERGENCY FIRST AID	EYES: FLUSH WITH WATER FOR 15 MINUTES. CONSULT PHYSICIAN.

**MATERIAL SAFETY DATA SHEET**  
**FORMULA #5126**

**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
------	---------------	-------------------

**SECTION VI: REACTIVITY DATA**

<b>STABILITY</b>	STABLE	<b>CONDITIONS TO AVOID</b>	NONE
<b>MATERIALS TO AVOID</b>	STRONG ACIDS	<b>HAZARDOUS POLYMERIZATION</b>	WILL NOT OCCUR
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	CARBON MONOXIDE FROM THERMAL DECOMPOSITION		

**SECTION VII: ENVIRONMENTAL PROTECTION**

<b>SPILL RESPONSE</b>	SEGREGATE FROM STRONG ACIDS. SWEEP UP AND CONTAINERIZE MATERIAL. FLUSH WITH LARGE QUANTITIES OF WATER.
<b>WASTE DISPOSAL METHOD</b>	SMALL QUANTITIES MAY BE DILUTED WITH WATER AND FLUSHED TO SEWER. DISPOSE OF LARGE QUANTITIES IN APPROVED LANDFILL.

**SECTION VIII: SPECIAL PROTECTION INFORMATION**

<b>EYE PROTECTION</b>	CHEMICAL SAFETY GLASSES	<b>SKIN PROTECTION</b>	RUBBER GLOVES
<b>RESPIRATORY PROTECTION</b>	NONE REQUIRED UNDER NORMAL USE	<b>VENTILATION RECOMMENDED</b>	GENERAL
<b>OTHER PROTECTION</b>	AS NEEDED TO PREVENT SKIN CONTACT		

**SECTION IX: SPECIAL PRECAUTIONS**

<b>HANDLING &amp; STORAGE PRECAUTIONS</b>	CAUTION!!! CONTAINS LINEAR ALCOHOL ETHOXYLATE (SEVERE EYE IRRITANT)! AVOID EXCESSIVE CONTACT WITH EYES AND SKIN. AVOID BREATHING DUST. IN CASE OF CONTACT WITH EYES. FLUSH WITH WATER FOR 15 MINUTES AND CONSULT A PHYSICIAN. WASH SKIN THOROUGHLY WITH WATER. KEEP OUT OF REACH OF CHILDREN.
<b>OTHER PRECAUTIONS</b>	STORE IN A DRY PLACE.

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 is furnished without warranty of any kind.