JohnsonDiversey

MATERIAL SAFETY DATA SHEET

I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 1411

PRODUCT NAME: KER-CELL

USE: Laundry Detergent

SUPPLIER:

JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: E
CHEMICAL FAMILY: Alkali

TRADE NAME / SYNONYMS: not applicable
CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium metasilicate	15-40	006834-92-0	LD50 1153 mg/kg	oral/rat
Sodium carbonate	40-70	000497-19-8	LD50 4090 mg/kg	oral/rat
Linear alcohol ethoxylate	5-10	068131-39-5	LD50 1000 mg/kg	oral/rat
Sodium dodecylbenzene sulphonate	1-5	025155-30-0	LD50 1260 mg/kg	oral/rat
Silicon amorphous fumed	0.5- 1.5	007631-86-9	LD50 3160 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: impermeable gloves **Eye:** safety glasses **Footwear:** not applicable

Respiratory: NIOSH approved dust mask as required **Other:** not applicable

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Do not breathe dust. Avoid eye and skin contact.

VENTILATION REQUIREMENTS: general ventilation

INCOMPATIBILITY (Material to Avoid): acids

SPILL PROCEDURES: Sweep or scoop up dry material. Wash spill area with large volumes of water.

WASTE DISPOSAL: Dispose according to municipal, provincial, and federal regulations.

STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Blue powder

S.G. / BULK DENSITY(g/cc): 1.01 tamped
pH: 12.5 ± 0.5 (1% solution)

VAPOUR PRESSURE (mmHg): not applicable
VAPOUR DENSITY (air=1): not applicable

ODOUR THRESHOLD: not applicable
BOILING POINT: not applicable

FREEZING POINT: not applicable
PERCENT VOLATILE: not applicable

SOLUBILITY IN WATER: Soluble
EVAPORATION RATE (water=1): not applicable

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: Corrosive. May cause severe irritation. May cause permanent damage if not treated promptly.

SKIN: May cause severe irritation. May cause temporary or permanent damage if not treated promptly.

INGESTION: Corrosive. May cause severe irritation of the digestive tract. May cause temporary or permanent damage if not treated promptly.

INHALATION: Corrosive. Breathing dust may cause respiratory irritation.

LD50 (calculated): 1850 mg/kg	**LC50 (calculated):** not available

OTHER TOXIC EFFECTS: none known

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: none known

VI - FIRST AID MEASURES

EYES: Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician immediately.

SKIN: Flush affected area thoroughly with water. If irritation develops, contact a physician.

INGESTION: Drink large volumes of water . Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician immediately.

INHALATION: Remove patient to fresh air. Get medical attention for any breathing difficulty.

VII - FIRE AND EXPLOSION DATA

FLAMMABLE: No

FLASH POINT, °C: not applicable	**AUTO IGNITION TEMPERATURE,°C:** N/Ap

EXTINGUISHING MEDIA: Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other [ ]

SPECIAL FIRE FIGHTING PROCEDURES: not required

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.

EXPLOSIVE SENSITIVITY TO: not applicable

VIII - REACTIVITY DATA

STABILITY: Stable [x] Unstable [ ]

CONDITIONS TO AVOID: not applicable

INCOMPATIBILITY (Material to Avoid) : acids

HAZARDOUS DECOMPOSITION PRODUCTS: Heat and carbon dioxide released on contact with acids.

REACTIVITY: not applicable

IX - MSDS PREPARATION

SOURCES USED: RTECS, ChemInfo	**PREPARED BY:** JohnsonDiversey Canada, Inc. Regulatory Department Institutional Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	

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