Product Data Sheet

K - Life®

PRODUCTION LOCATION

Belle Plaine, Saskatchewan

PRODUCT DESCRIPTION

Vacuum pan potassium chloride which is produced by industry standard solution mining and evaporation process. The potassium chloride is washed, filtered, dried, screened, compacted into sheets, and quality control tested.

K- Life manufactured in compliance with standards from the Canadian Water Quality Association and is certified by the National Sanitation Foundation under standard NSF/ANSI 60.

Chemical Analysis (95% Confidence)			Typical	Range
Potassium Chloride	KCl	(%)	98.90	98.60 – 99.20
Sodium Chloride	NaCl	(%)	0.90	0.70 – 1.10
Calcium Sulfate	$CaSO_4$	(%)	0.06	0.03 - 0.09
Calcium Chloride	$CaCl_2$	(%)	0.01	0.00 - 0.03
Magnesium Chloride	$MgCl_2$	(%)	0.04	0.01 – 0.07
Moisture		(%)	0.10	0.05 – 0.14
Water Insolubles		ppm	100	80 - 120

TYPICAL SCREEN ANALYSIS
Retained and Cumulative (99.7% Confidence)

Tyler Mesh	U.S.S Mesh	Open. (mm)	Cum. %	Range %
4	4	4.70	95.0	92- 98

PHYSICAL PROPERTIES

Bulk Density 1060 kg/m^3 (66 lb/ft^3)
Shelf Life   Infinite shelf life when stored in dry environment at ambient temperature

Product and Pallet Specifications	20 Kg
Pallet Layout (Layers X Units)	7 x 8
Units per Pallet	56
Weight per Pallet (kg)	1157
Height per Pallet (cm)	76
Pallet Volume (m^3)	0.945
Pallet Size (cm)	122 x 102
Pallet Weight (kg)	30
Product Dimensions (cm)	64 x 38 x
Length x width x depth	9
Bag Volume (m^3)	0.021

METHOD OF ANALYSIS

American Society for Testing and Materials Procedure s are Sifto Canada Corp.'s internal quality control procedures, which are available upon request.

Product Description and Codes	UPC code	Product Code
40 # Bag		38040

ADMIXTURE
Surfactant added to clean resin during regeneration.

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