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PRODUCT: Korex Complete and Platinum Dishwasher Packs

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Supplier Identifier..... Korex Canada
 Recommended Use..... Machine Dishwashing. For industrial use only, keep out of reach of children. Do not mix with other cleaning products.
 NFPA Rating..... Health: 2 Fire: 1 Reactivity: 0.
 HMIS..... H: 2 F: 1 R: 0.
 Emergency telephone number..... IN CASE OF EMERGENCY DURING TRANSPORT CALL 724 815-1667 or 800-424-9300 Chemtrec.

SECTION 02: HAZARDS IDENTIFICATION



Signal Word..... DANGER.
 Hazard Classification..... Eye Damage/ Irritant. Category 1. Household Setting: Under normal consumer use, this product would not constitute a hazardous product by OSHA definition as OSHA is not applicable to household consumer use. . Non Household Setting (federal): The contents of this pouch product, when tested as a whole, is considered an irritant within the meaning of the OSHA Hazard Communication Standard.
 Hazard Statements..... Causes serious eye damage.
 Prevention..... Avoid breathing dust, vapours, mist or spray. Wash thoroughly after handling. Wear protective gloves and eye protection.
 Response..... IF IN EYES rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED rinse mouth, DO NOT induce vomiting. Drink 1 or 2 glasses of water. IF on skin, remove contaminated clothing. Rinse skin with water. IF INHALED, remove to fresh air. Specific treatment see section 4 on this SDS.
 Storage..... Store locked up.
 Disposal..... Dispose of contents and empty containers in accordance with local regulations.

SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
Sodium Carbonate	497-19-8	35-50
Disodium Carbonate (compound with hydrogen peroxide 2:3)	15630-89-4	5-15
Alcohol Alkoxylate	N/A Trade Secret	1-10
Sodium silicate	1344-09-8	1-10

SECTION 04: FIRST AID MEASURES

Eye Contact..... Check for and remove contact lenses. Immediately flush with water for a minimum of 15 minutes keeping eyelids open. Consult a doctor if any irritation occurs.
 Ingestion..... Give several glasses of water or milk, get medical attention immediately. Do not induce vomiting. .
 Inhalation..... If inhaled remove to fresh air. If not breathing give artificial respiration and obtain immediate medical assistance.

SECTION 04: FIRST AID MEASURES

Eye contact.....Rinse with plenty of water. Call a physician immediately.

Skin Contact..... Wash thoroughly with soap and water. Remove contaminated clothing. Launder clothing before reuse. If irritation occurs consult with your doctor.

Medical attention and special treatment..... In the event of an incident involving this product ensure that medical authorities are provided a copy of this safety data sheet. Treat symptomatically.

SECTION 05: FIRE FIGHTING MEASURES

Extinguishing Media..... Extinguish using agent suitable for surrounding fire. Water spray, Carbon dioxide (CO₂), Foam, Dry chemical. Do not use a solid water stream as it may scatter and spread fire.

Hazardous Combustion Products..... Oxides of carbon.

Special Fire Fighting Procedures..... Self-contained breathing apparatus recommended.

Unusual Fire/Explosion Hazards..... None expected.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal Precautions..... For small quantities wear gloves, wipe up with damp cloth, rinse cloth thoroughly and allow cloth to dry before laundering.

Emergency Procedures..... Avoid skin and eye contact. Contain the spill. Absorb spilled material. Shovel or pump to properly identified waste containers. Dispose of spilled material in accordance with local regulations.

Methods and Materials used for Containment Use an inert substance to contain and absorb spilled material. Shovel to properly identified salvage drum. Seal salvage drum for disposal.

Clean Up..... Flush area with water and dry to avoid slippery conditions.

SECTION 07: HANDLING AND STORAGE

Handling Precautions..... Keep away from food. Employees should wash their hands and face before eating or drinking.

Storage Requirements..... Keep containers tightly closed.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	REL	OSHA PEL STEL	REL	NIOSH
Sodium Carbonate	10 mg/m ³	Not established	10 mg/m ³ TWA	Not established	Not established	Not established
Disodium Carbonate (compound with hydrogen peroxide 2:3)	Not established	Not established	Not established	Not established	Not established	Not established
Alcohol Alkoxylate	Not established		Not established		Not established	Not established
Sodium silicate	Not established	Not established	Not established	Not established	Not established	Not established
Clothing/Type.....	Wear adequate protective clothing to prevent skin contact.					
Eye/Type.....	Safety goggles. If pouches are broken.					
Footwear/Type.....	Wear safety boots per local regulations.					
Gloves/Type.....	Wear impervious gloves. If pouches are broken.					
Other/Type.....	Anyone handling this product should wash their hands and face before eating, drinking or using tobacco products. Conditions of use, adequacy of engineering or other control measures, and actual exposures will dictate the need for specific protective devices at your workplace. Emergency eye wash station and shower should be available.					
Respiratory/Type.....	Not required for intended use. If pouches are broken and powder is released to the air, use a dust mask for cleanup.					
Engineering Controls.....	Normal ventilation is adequate					

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance..... Powder packets.

Colour..... No data.

Odour..... Not available.

Odour Threshold (ppm)..... Not available.

Vapour Density (Air=1)..... Not available.

Vapour Pressure (mm Hg)..... Not available.

pH.(1 %)..... 10.5 - 11.5.

Relative Density/Specific Gravity..... 1.05 +/- 0.1.

Melting/Freezing Point..... Not available.

Solubility..... Complete in water.

Initial Boiling Point/Boiling Range..... Not available.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Evaporation Rate..... Not available.
 Flash Point (deg C), Method..... Not Available.
 Auto Ignition Temperature (deg C)..... Not available.
 Upper Flammable Limit (% Vol)..... None.
 Lower Flammable Limit (% Vol)..... None.
 Decomposition temperature..... Not available.
 Coefficient of Water/Oil Distribution..... Not available.
 Viscosity..... Not available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity..... None known.
 Chemical stability..... Stable at normal temperatures and pressures.
 Hazardous Polymerization..... Will not occur.
 Hazardous Products of Decomposition..... None expected.
 Incompatible materials..... Acids.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Sodium Carbonate	2.3 mg/l (2 h; anhydrous product)	2,800 mg/kg rat oral
Disodium Carbonate (compound with hydrogen peroxide 2:3)	>4.58 mg/L/hr rat inhalation	1037 mg/kg (oral, rat)
Alcohol Alkoxylate	Not available	Estimate: > 500 mg/kg (oral, rat)
Sodium silicate	No data	1100-1600 mg/kg (oral, rat)
Route of Exposure.....	Skin contact, eye contact, inhalation.	
Effects of Acute Exposure.....	If the pouch breaks, airborne dust may cause slight respiratory irritation if inhaled, and, direct contact with contents may cause moderate eye and mild skin irritation.	
Effects of Chronic Exposure.....	No long term effects have been reported.	
Carcinogenicity of Material.....	None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA OR ACGIH as a carcinogen.	
Reproductive Effects.....	No data.	

SECTION 12: ECOLOGICAL INFORMATION

Environmental..... No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Appropriate Disposal Methods..... Dispose of empty containers in accordance with local regulations or current recycling programs.
 Physical/Chemical Properties that may affect disposal – None anticipated
 Other Special Cautions..... None required

SECTION 14: TRANSPORT INFORMATION

Transport Hazard Classification..... Not Regulated.
 Proof of Classification..... This product has been classified in accordance with DOT and Canada's Part 2 of the Transportation of Dangerous Goods regulations. This product has been classified to the Department of Transportation 49CFR.

SECTION 15: REGULATORY INFORMATION

TSCA Status.....All components of this product are listed on TSCA
 SARA Title III
 Section 302 - Extremely Hazardous Substances..... None .
 SARA Section 313..... None
 EPA Hazardous Air Pollutants (HAPS)..... None
 40CFR63
 California Proposition 65..... This product does not contain any chemical(s) known to the State of California to cause Cancer or reproductive toxicity

SECTION 16: OTHER INFORMATION

Prepared byKorex Canada Company. The information contained herein is based on information believed to be reliable. Korex Corporation makes no warranties, express or implied, and assumes no liability with any use of this information.

Note..... Various sources were reviewed to determine the classification of this product. These sources include the National Library of Medicine - Hazardous Substances Data Bank; the European Chemical Agency Classification & Labelling Database; supplier safety data sheets; and REPTOX (Gouvernement du Québec) .

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