

Korex Canada
78 Titan Road
Etobicoke, Ontario
M8Z 2J8 Canada
416-231-7800

PRODUCT: Soft Scrub Automatic Dish Detergent 1oz pouch

CODE: KC-AD-SOFTSCRUB

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT CODE(S)..... KC-AD-SOFTSCRUB
 Product Identity..... Soft Scrub Automatic Dish Detergent 1oz pouch
 Manufacturer..... Korex Canada
 78 Titan Road
 Etobicoke, Ontario
 M8Z 2J8 Canada
 416-231-7800
 Information telephone number..... IN CASE OF EMERGENCY DURING TRANSPORT CALL 724-815-1667 or 800-424-9300
 Chemtrec.
 Recommended Use..... Machine Dishwashing. For industrial use only, keep out of reach of children. Do not mix
 with other cleaning products.
 Hazard Ratings
 NFPA Rating..... Health: 2 Fire: 1 Reactivity: 0.
 HMIS..... H: 2 F: 1 R: 0.

SECTION 02: HAZARDS IDENTIFICATION



Signal Word..... WARNING.
 Hazard Classification..... SKIN IRRIT 2. EYE IRRIT 2.
 Description of Hazards..... H315 Causes skin irritation. H319 Causes serious eye irritation.
 Precautionary Statements..... P264 Wash thoroughly after handling. P280 Wear protective gloves and eye protection.
 Response..... P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove
 contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation
 persists: Get medical attention. P310 Immediately call a Poison Control Centre.
 P302+P352 IF ON SKIN: Wash with plenty of water. P332+P313 If skin irritation occurs:
 Get medical attention. P362+P364 Take off contaminated clothing and wash before reuse.

SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
Sodium Carbonate	497-19-8	20-50
Sodium Silicate	1344-09-8	1-10
Disodium Carbonate (compound with hydrogen peroxide 2:3)	15630-89-4	4-8
Alcohol Alkoxylate	68439-51-0	1-5
Citric Acid	77-92-9	1

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.
 Skin Contact..... Wash thoroughly with soap and water. Remove contaminated clothing. Launder clothing
 before reuse. If irritation occurs consult with your doctor.
 Additional Information..... In the event of an incident involving this product ensure that medical authorities are
 provided a copy of this safety data sheet.

SECTION 05: FIRE FIGHTING MEASURES

Extinguishing Media..... Water spray, Carbon dioxide (CO₂), Foam, Dry chemical.
 Hazardous Combustion Products..... Oxides of carbon.
 Special Fire Fighting Procedures..... Self-contained breathing apparatus recommended.
 Unusual Fire/Explosion Hazards..... None expected.

PRODUCT: Soft Scrub Automatic Dish Detergent 1oz pouch

CODE: KC-AD-SOFTSCRUB

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	PEL	OSHA PEL STEL	REL	NIOSH
Sodium Carbonate	10 mg/m3	Not established	10 mg/m3 TWA	Not established	Not established	Not established
Sodium Silicate	Not established	Not established	Not established	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	Not Established	Not Established
Citric Acid	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

Physical Appearance..... Powder packets.

Colour..... No data.

Odour..... Powder in a Myler (PET) film pouch - 1oz.

Odour Threshold (ppm)..... No data.

Vapour Density (Air=1)..... No data.

Vapour Pressure (mm Hg)..... No data.

pH..... 10.5-11.2.

Relative Density/Specific Gravity..... 0.9 - 1.0.

Melting/Freezing Point..... No data.

Solubility..... Complete in water.

Initial Boiling Point/Boiling Range..... No data.

Evaporation Rate..... No data.

Flash Point (deg C), Method..... No data.

Auto Ignition Temperature (deg C)..... No data.

Upper Flammable Limit (% Vol)..... None.

Lower Flammable Limit (% Vol)..... None.

Decomposition temperature..... No data.

Coefficient of Water/Oil Distribution..... No data.

Viscosity..... Not applicable.

SECTION 10: STABILITY AND REACTIVITY

Reactivity Conditions..... None known.

Stability..... Stable at normal temperatures and pressures.

Hazardous Polymerization..... Will not occur.

Hazardous Products of Decomposition..... None expected.

Incompatibility..... Acids.

PRODUCT: Soft Scrub Automatic Dish Detergent 1oz pouch

CODE: KC-AD-SOFTSCRUB

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Sodium Carbonate	No Data	2,800 mg/kg rat oral
Sodium Silicate	No data	1100-1600 mg/kg oral rat 1100 mg/kg oral mouse
Disodium Carbonate (compound with hydrogen peroxide 2:3)	>4.58 mg/L/hr rat inhalation	1000 mg/kg oral rat
Alcohol Alkoxylate	No Data	>2,000 mg/kg (oral, rat)
Citric Acid	No Data	3,000 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.....	None of the ingredients in this product meet the classification criteria for Reproductive Toxicity or Mutagenicity.	

SECTION 12: ECOLOGICAL INFORMATION

Environmental.....	Readily biodegradable.
Bioaccumulation Potential.....	During sewage treatment there is microbial degradation to carbon dioxide and also absorption to the particulate sludge. The absorbed portion is subsequently biodegraded when the sludge is disposed of .
Other Adverse Effects.....	Under normal and foreseeable uses, there are no concerns for aquatic organisms exposed to product ingredients at the anticipated environmental concentrations.
Absorption Potential.....	No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

TDG Classification.....	Not Regulated.
DOT Classification.....	Not Regulated.
Guidance on Air shipments.....	Not regulated.
Guidance for marine shipments.....	Not Regulated.
Proof of Classification.....	This product has been classified in accordance with Part 2 of the Transportation of Dangerous Goods regulations. This product has been classified to the Department of Transportation 49CFR.

SECTION 15: REGULATORY INFORMATION

CEPA Status.....	All components of this product are listed on the Domestic Substance List (DSL) .
TSCA Inventory Status.....	All components are listed on the TSCA or exempt.
EINECS	All ingredients have been registered under REACH.
OSHA	
SARA Title III	
Section 302 - Extremely Hazardous Substances	None .
Section 311/312 - Hazard Categories.....	Acute health.
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 reproductivity toxicity.

SECTION 16: OTHER INFORMATION

Prepared by	HDTs Chemicals Inc. - www.hdtschemicals.com - email: service@hdtschemicals.com .
Disclaimer.....	The information contained herein is based on information believed to be reliable. The Korex Corporation makes no warranties, express or implied, and assumes no liability with any use of this information.

PRODUCT: Soft Scrub Automatic Dish Detergent 1oz pouch

CODE: KC-AD-SOFTSCRUB

SECTION 16: OTHER 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) .

Preparation Date..... AUG06/15