Korex Chicago
6200 W. 51 st Street
Chicago IL
60638

PRODUCT: AATCC Standard Reference Detergent – all variants

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identity.....	AATCC Standard Reference Detergent – all variants
Manufacturer.....	Korex Chicago 6200 W. 51 st Street Chicago IL 60638 1- 708-458-4890
Information telephone number.....	IN CASE OF EMERGENCY DURING TRANSPORT CALL 1- 800-424-9300 Chemtrec.
Recommended Use.....	Laundry. 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. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves and eye protection. P234 Keep only in original packaging.
Response.....	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. 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. P337+P313 If eye irritation persists, get medical advice/attention. P390 Absorb spillage to prevent material damage.
Disposal.....	P501 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	10-30
Silicic acid, aluminum sodium salt	1318-02-1	20-40
Sodium dodecylbenzene sulfonate	25155-30-0	10-30
Sodium silicate	1344-09-8	0.1-1.0

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.

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 identifed 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

Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original container for re-use. Keep out of reach of children. Keep containers sealed closed in a dry, cool, well ventilated place.

Incompatible products – none known.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

	ACGIH TLV		OSHA	
INGREDIENTS	TWA	STEL	PEL	STEL
Sodium Carbonate	10 mg/m3	Not established	10 mg/m3	Not established
Sodium dodecylbenzene sulfonate	10 mg/m3	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

Clothing..... Wear adequate protective clothing to prevent skin contact.
Eye/Type..... Safety goggles.

Gloves/Type..... Wear impervious gloves
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.
Engineering Controls..... Normal ventilation is adequate .

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Physical state..... Solid powder

pH (1%) 10.5-11.5

Solubility..... Complete in water.

Initial Boiling Point..... No data.

Evaporation rate..... No data.

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

Auto Ignition Temp. (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..... No data.

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.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Sodium Carbonate	No Data	2,800 mg/kg (oral, rat)
Sodium dodecylbenzene sulfonate	No Data	1,300-2,100 mg/kg (oral/rat)
Silicic acid, aluminum sodium salt	No Data	> 5,000 mg/kg (oral/rat)
Sodium Silicate	No Data	1100-1600 mg/kg (oral, rat)

Route of Exposure.....	Skin contact, eye contact.
Effects of Acute Exposure.....	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

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

Disposal should be in accordance with applicable regional, national and local laws and regulations.
California Hazardous Waste Codes (non-household setting) 331

SECTION 14: TRANSPORT INFORMATION

DOT	Not regulated
IMDG	Not regulated
IATA	Not regulated

SECTION 15: REGULATORY INFORMATION

This product does not contain substances required to be reported under the following U.S. Federal Regulations

SARA 313	None
CERCLA	None
HAPS (Clean Air Act)	None
Clean Water Act	None
California Proposition 65	None

SECTION 16: OTHER INFORMATION

Prepared by	Korex Canada Company
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.
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.
Preparation Date.....	October 30, 2026