

Material Safety Data Sheet

Kensington Technology Group
2000 Alameda De Las Pulgas
Second Floor
San Mateo, California 94403-1289
(650) 572-2700

Section I – Product

Product Number: X50794C/D
Product Name: Surface Guardian Cleaning Wipes – 60 count
Date of Preparation: 01/01/98
Replaces: 01/01/97
HMIS Rating: Health 1
 Flammability 3
 Reactivity 0
Emergency Phone Number: CHEMTREC (800) 424-9300

Section II – Hazardous Ingredients

Product Name	CAS #	Vapor Pressure (mm HG)	TLV	Units
Chemical Name		Percent	PEL	Units
Glycol Ether EB	111-76-2	.6	25	PPM
Ethanol, 2-Butoxy		<9%	25	PPM
Isopropanol 99%	67-63-0	33.0	400	PPM
2-Propanol		>9%	400	PPM
Deionized Water – UV Sterilized Water	7732-118-5		N.E.	
		>9%	N.E.	

Section III – Physical Data

Boiling Range: 340 Degrees F
Vapor Density: Heavier than air
Evaporation Rate: Slower than Ether
Percent Volatile by Volume: 100%
Weight/Gallon: 7.86 lbs./gal

Section IV – Fire and Explosion Hazard Data

Hazard Classification OSHA: Flammable Liquid – Class IB
DOT 3
Flash Point (TCC): >53 Degrees F
Lower Explosion Limit % by volume (in air): >1.1
Extinguishing Media: Carbon dioxide. Dry chemical. Alcohol type-foam. Water Spray.
Universal type foam.
Special Fire Fighting Procedures: Use self-contained breathing apparatus. Wear full protective clothing.
Unusual Fire and Explosion Hazards: Vapors form from this product and may settle in low places, travel along the ground, or move by air currents to be ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static discharges, or other ignition sources at locations distant from handling point.

Section V – Health Hazard Data

Effects of Overexposure

Ingestion:

Nausea. Vomiting. Diarrhea. Drowsiness. Headaches. Dizziness. Cramps.
Incoordination. Loss of consciousness. Possible kidney damage. Possible liver damage.
Weakness. Possible damage to red blood cells.

Skin Absorption:

Headache. Dizziness. Nausea. Vomiting. Possible kidney damage. Possible liver damage. Weakness. Diarrhea. Incoordination. Possible damage to red blood cells.

Inhalation:

Headache. Dizziness. Vomiting. Nausea. Drowsiness. Irritation. Malaise.

Skin Contact:

Irritation following prolonged exposure. Chapping. Cracking. Swelling.

Eye Contact:

Irritation. Corneal injury.

Chronic Effects of Overexposure:

Repeated overexposure may cause injury to bone marrow and blood cells, kidney, liver, and testes.

Other Health Hazards:

Because of its irritating and defatting properties, this material may exacerbate and existing dermatitis.

Primary Route(s) of Entry: Skin absorption. Inhalation. Eye Contact.

Emergency and First Aid Procedures

Ingestion:

Do not induce vomiting. Call a physician. Never give anything by mouth to an unconscious person.

Skin:

Flush skin with water. Remove and wash contaminated clothing promptly.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician.

Eyes:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

Notes to Physician:

There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

Section VI – Reactivity Data

Stability: Stable

Conditions to Avoid: Heat. Ignition sources. Fire

Incompatibility:

Nitric acid. Sulfuric acid. Strong bases. Strong oxidizing agents. Aldehydes. Halogens.
Halogen compounds.

Hazardous Decomposition Products: Carbon monoxide. Carbon dioxide.

Hazardous Polymerization: Will not occur

Conditions to Avoid: None

Section VII – Spill or Leak Procedures

Steps to be taken in case material is released or spilled:

Contact local authorities.

Waste Disposal:

Incineration in accordance with all federal, state, and local regulations.

Section VIII – Safe Handling and Use Information

Respiratory Protection:

If vapors are present, use a MESA or NIOSH approved respirator for organic vapors, fresh air breathing apparatus, or a self contained breathing apparatus.

Ventilation:

General (mechanical) room ventilation to maintain vapor levels below TLV is expected to be satisfactory. Keep this product in closed equipment. Special, local ventilation is needed at points where vapors or mists are expected to escape to the workplace air.

Protective Gloves:

Consult the glove manufacturer for the most appropriate glove material.

Eye Protection:

Chemical safety goggles.

Other Protective Equipment:

Eye bath and safety shower>

Section IX – Special Precautions

Precautions to be taken in handling and storing:

Warning! Flammable. Avoid contact with eyes, skin, and clothing. Avoid breathing vapor or mist. Use with adequate ventilation. Keep away from heat, sparks, and flame. Wash thoroughly after handling. Keep container closed. FOR INDUSTRY USE ONLY.

Other Precautions:

This product can be biodegraded, at low concentrations in water, in a biological wastewater treatment plant.

Section 313 Supplier Notification

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

CAS #	Chemical Name	Percent by Weight
111-76-2	Glycol Ether EB	2.8%

This information must be included in all MSDS that are copied and distributed for this material.