



Specification of Anti- Static Mat and Table Top Cleaner

Part- KSCGAL, KSC16, KSC32

Composition/ Information in Ingredients

Chemical	C.A.S Number	Weight %
De-Ionized water	7732-18-5	70-80
Sodium Hydroxide	1310-73-2	<2
Poly (oxy-1,2- ethanediyl	9016-45-9	<5
Dodecylbenzene		
Sulfonic Acid Isopropanol	67-63-0	1-5
Tetrasodium Ethylenediamine		
Tetraacetate	64-02-8	<1
Diethanol Amide of Coconut		
Fatty acid Sodium Tripolyposphate	7758-29-4	<1



OSHA Hazardous Components (29 CFR 1910.1200):

	OSHA PEL	ACGIG TLV Supplier
Isopropanol	400	400
Tetrasodium Ethylenediamine- Tetraacetate	NIF	
Sodium Hydroxide	2mg/m3	
Dodecylbenzene Sulfonic Acid	NIF	NIF
Quaternary Ammonium Compounds	NIF	NIF
Fatty acids		



Emergency Overview and potential Health Effects:

Inhalation: No observable effects of overexposure.

Eyes: Mild irritation.

Skin: Very mild, if any irritation.

Ingestion: Nausea and diarrhea are possible.

First Aid Measures:

Inhalation: Move to fresh air in case of accidental over in halation of Vapors. If breathing has stopped, give artificial respiration. Call for prompt medical attention.

Eye Contact: Remove contaminated clothing (including shoes) and wash before re-use. Rinse area with water. If irritation persists, seek medical attention.

Ingestion: Do not induce vomiting unless directed by physician. If conscious and alert, give two glasses of water. Seek medical attention immediately.

Fire Fighting Measures:

Flash point & Method: None, T.C.C

Flammable Limits: LEL: NA UEL: NA

Auto-ignition temperature: NA

GENERAL HAZARD: NONE

Fire fighting instructions:





Fire fighters should wear self contained positive- pressure breathing apparatus.

PG2

Fire fighting equipment:

Water, foam, dry chemical and carbon dioxide.

Hazardous Combustion products:

Smoke, fumes and oxides of carbon.

Accidental release Measures:

Land Spill: Pick up and place in appropriate container

Water Spill: NA

Storage Temperatures: Ambient

Storage Pressure: Atmospheric

General: Keep container closed when not in use. Store in a cool, well ventilated place out of direct sunlight and away from incompatible materials.



Exposure Control/ personal Protection:

Engineering controls:

Local exhaust ventilation acceptable

Mechanical ventilation recommended

Use explosion- proof ventilation equipment

Do not use in confined space without mechanical ventilation equipment.

Personal Protection:

Respirator:

If concentrations are over the exposed limit and are known air purifying respirator with Organic Vapor Cartridges may be acceptable, refer to cartridges for acceptable levels. If concentrations are over exposed limit and are unknown use a supplied respirator.

Hand Protection:

Gloves Recommended

Solvex

Butyl

Natural Latex

Nitrile

Buna

Cotton/Jersey

Eye Protection:

Safety glasses

Full face shield

Chemical goggles

Other recommendations:

Rubber boots Splash- proof chemical resistance suit/ apron.

Physical and Chemical Properties:

Density = 1.030

Boiling point = 100c / 212F

Freezing point = NIF

Vapor Density = NE

Solubility in water = 100

Molecular Weight = NA (mixture)

pH = 7.2

% Volatile = >70

% Solids = >30

Evaporation Rate (H2O=1) = NE

Viscosity = NA

Physical State = Liquid





Non- Exempt VOC (g/l) 14.48
Appearance = clear blue liquid

Odor = Pleasant

PG3

Stability and Reactivity
General: stable

Incompatible materials and conditions to avoid:
None
Hazardous decomposition:
Forced combustion yields carbon oxides.

Toxicology information:
Results of component toxicity test performed:
Information not available.

Disposal Considerations
RCRA 40 CFR 261 Classifications:
Federal, state and local laws governing disposal of material can differ. Ensure proper disposal compliance with proper authorities before disposal.

Transportation Information:
US Dot information (and IATA)
Basic description: Non hazardous material
Proper shipping name: NA
Hazard class: NA
Packaging group: NA
UN Number: NA
Limitations: NA

Regulatory Information
US Federal Regulations:
MSDS complies with OSHA's Hazard Communication Rule, 29 CFR 1910.1200
CERCLA/Superfund, 40 CFR 117, 302:
--none of the chemicals are section 302 Hazard--
SARA Superfund and reauthorization act of 1986 title 111 section 302- extremely hazardous substances (40 CFR 355):
- None of the chemicals are section 302Hazard-
Section 311-312- Material Safety Data sheet requirements
(X) By our hazard evaluation, this product is non- hazardous.
() By our hazard evaluation, this product it should be reported under the following EPA hazard.
() Immediate (acute) health hazard
() Delayed (chronic) health hazard
() sudden release of pressure hazard
() reactive hazard
Section 313-
List of toxic chemicals (40CFR372)



**PG4**

This product contains the following chemicals (at level of 1% or greater) which are found on the 313 list of toxic chemicals.

Toxic substance control act (TSCA): All substances are TSCA listed.

Resource conservation and recovery act, clean water act 40 CR 401.15-, 40 CFR 116

This product contains the following chemicals which are listed:

Chemical	C.A.S Number	Weight %
Clean air act- information		

**State Regulations:**

California Proposition 65:

This product contains the following ingredients which appear on the California proposition 65 list.

Chemical	C.A.S Number	Weight (%)
-	None of the chemicals are on the proposition 65 list-	

International Regulations:

Canada WHIMS:NIF Europe EINECS Numbers: NIF

Label Information:

European risk and safety phrases: S2

European Symbols needed: NIF

Canadian WHIMS Symbols: NIF

NFPA hazard rating:

(0) Fire (1) Health (0) Reactivity

Revision Dates, Sections revised by:

27-July-94 Converted to Ansi Standard, B Riffel

38-May-96 Updated section 8, B Riffel

18-Aug-97 Updated section 13, B Riffel

28-Sep-99 Reviewed, B Riffel

02-Apr-01 Reviewed

Abbreviations used:

NE- Not Established, NA- Not Applicable, NIF- No information found.

References:

Code of Federal Regulations (CFR)

The sigma- Aldrich Library of Regulatory and Safety Data

Chemical Guide and OSHA Hazardous Communication standard.

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