SAFETY DATA SHEET

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

Product Identifier: SS Ink Wash
Product Use: Recirculating Screen & Squeegee Wash
Manufactured by: Kor-Chem, Inc.
5800 Bucknell Drive
Atlanta, GA 30336

Product Identification # (PIF): 01641
Emergency Telephone #: 1-800-255-3924 ChemTel
General Information #: 404-344-9580
Date Prepared: February 10, 2016
Date Revised: February 15, 2016

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Hazard Codification



Signal Word: WARNING

Hazard Class	Category	Code	Hazard Statement
Flammable Liquid	4	H227	Combustible Liquid
Skin Irritation	2	H315	Causes skin irritation

Precautionary Measures:

Category	Code	Statement
Prevention	P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking.
	P264	Wash thoroughly after handling.
	P280	Wear protective gloves/protective clothing/eye protection/face protection.
Response	P302+P352	IF ON SKIN: Wash with soap and water.
	P321	Specific treatments: See Section 4 First Aid Measures.
	P332+P313	If skin irritation occurs: Get medical advice/attention.
	P362	Take off contaminated clothing and wash before reuse.
	P370+P378	In case of fire: Use foam, dry chemical, carbon dioxide fire extinguishers or water spray for extinction.
Storage	P403+P235	Store in a well ventilated place. Keep cool.
Disposal	P501	Dispose of contents/container in compliance with all Federal, State/Provincial and local laws and regulations

Hazards not otherwise classified: Prolonged/repeated skin contact may cause skin drying (dermatitis). Ingestion may irritate mouth, throat and gastrointestinal tract.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Common Name	CAS #	Concentration Range %
Glycol ether DPM	None known	34590-94-8	98 – 100

SECTION 4. FIRST AID MEASURES

Eyes: Flush well with water for at least 15 minutes, holding eyelids open. Remove any contact lenses and continue rinsing. Seek medical attention if irritation occurs and persists.
Skin: Wash with soap and water. Remove contaminated clothing and launder before reuse. If irritation persists, seek medical attention.
Inhalation: If symptoms develop, move victim to fresh air. If breathing is difficult, have a trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration and call a physician.
Ingestion: DO NOT INDUCE VOMITING. Call a physician immediately. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Class IIIA Combustible Liquid
Flash Point: 167^{o}F (75^{o}C)
Extinguishing Media: Foam, dry chemical, carbon dioxide fire extinguishers, water spray. Do not spray water directly on fire. Use water spray to cool containers.
Specific hazards arising from chemical: Vapors are heavier than air and may travel along the ground to an ignition source. Readily ignited by static discharge.
Hazardous combustion products: Carbon monoxide and carbon dioxide.
Firefighting protective equipment: Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.
Sensitivity to static discharge: This product is a class IIIA combustible.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment (Section 8). Keep away from heat/sparks/open flames/hot surfaces – No smoking. Ventilate area. Wash thoroughly after handling.

For Small Spills: Spilled material may be slippery. Avoid dispersal of material and runoff into soil, waterways, drains and sewers. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Wash walking surfaces with water to reduce slipping hazard. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.
For Large Spills: Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

Handling: Use personal protective equipment (Section 8). Use with adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Do not premix with other chemicals. Empty containers may contain residue and can be dangerous. Do not eat, drink or smoke in work areas. Wash thoroughly after handling.
Storage: Keep away from heat, flame, or sunlight – Keep cool. Keep from freezing. Keep container closed when not in use. Store in a well-ventilated place. Protect from physical damage. Store away from strong oxidizing agents.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredient	CAS #	OSHA/PEL	ACGIH/TLV	STEL
Glycol ether DPM	34590-94-8	100ppm	100ppm	150ppm

Engineering Controls: Provide adequate ventilation. Observe occupational exposure limits and keep the risk of exposure to a minimum.
Personal protective equipment:

Eye: Safety glasses with side shields or splash proof goggles.
Skin: Chemical resistant (impervious) gloves. Normal materials handling clothing. Boots.
Respirator: Use NIOSH approved protection with organic vapor cartridge if PEL is exceeded or if vapors are causing irritation.
Other: Use only in a well ventilated area. Do not eat, drink or smoke while handling. Wash thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless, clear liquid	Upper/Lower flammability limits	Not determined
Odor	Solvent	Vapor pressure	Not determined
Odor threshold	Not determined	Vapor density (Air = 1)	Not determined
pH	Not applicable	Relative Density (water = 1.0)	0.950 g/ml
Melting point	Not determined	Solubility	No data available
Freezing point	Not determined	Partition coefficient	Not determined
Boiling point	Not determined	Auto-ignition temperature	Not determined
Flash point	167^{o}F (75^{o}C)	Decomposition temperature	Not determined
Evaporation rate (n-butyl acetate=1)	<1	Viscosity	Not determined
Flammability	Class IIIB Combustible	Product VOC by weight	100%

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.
Chemical stability: Stable under normal, ambient temperature and conditions.
Possibility of hazardous reactions: Hazardous polymerization will not occur.
Conditions to avoid: Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals
Incompatible materials: Avoid strong oxidizing agents.
Hazardous combustion products: Carbon monoxide and carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity:

Oral (LD50 Rat): Not determined
Dermal (LD50 Rabbit): Not determined
Inhalation (LC50 Rat): Not determined

Skin corrosion/irritation: Skin irritant. Symptoms may include skin reddening, swelling and itching. Prolonged contact may cause skin drying (dermatitis).
Serious eye damage/irritation: May cause eye irritation. Symptoms may include, tearing, and redness.
Respiratory or skin sensitization: Not classified
Germ cell mutagenicity: No data available
Carcinocenicity: NTP/IARC/OSHA Carcinogen: No
Reproductive toxicity: Not available
STOT-single exposure: Not classified
STOT-repeated exposure: Not classified
Aspiration hazard: Not classified
Ingestion: Ingestion may irritate mouth, throat and gastrointestinal tract.
Likely routes of exposure: Eyes, skin
Interactive effects: Not available

SECTION 12. ECOLOGICAL INFORMATION

Toxicity:

96h LC-50 (fish): Not determined
96h EC-50 (invertebrates): Not determined
48h LC-50 (algae): Not determined

Persistence and degradability: Not determined.
Bioaccumulative potential: Not determined

Mobility in soil: Soil mobility not determined. This product is dispersible in water and may spread in water systems. This product is volatile and may spread in the atmosphere.
Other adverse effects: None known.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Do not dump into sewers, on the ground or into any waterways. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.
Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied. Do not cut, drill, grind or weld on or near the container.
RCRA: Not applicable.

SECTION 14. TRANSPORT INFORMATION

United States DOT:

Container of 119 gallons or less:

Combustible Liquid - 49 CFR 173:120 (b)(1): This material is not regulated under 49 CFR if in a container of 119 gallon capacity or less for ground transportation. Exception CFR 173.150(f)(2): Combustible liquids.

Container of 120 gallons or more:

UN/ID No.: NA1993
Proper Shipping Name: Combustible liquid, n.o.s., (Glycol Ether DPM)
Hazard Class: Comb liq
Packing Group: III

IATA and IMDG:

Not regulated per 49CFR 171.11(d)(3): Flash point above 140^{o}F (63^{o}C)
Marine Pollutant (IMDG Code): Not listed (49 CFR 172.101).
Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered in bulk for transport overseas.

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.
SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.
SARA TITLE III Section 311/312:

Immediate (Acute) Health	Yes	Fire Hazard	Yes
Delayed (Chronic) Health	No	Reactive Hazard	No

SARA Title 313: This material does not contain any chemical components with known CAS numbers that exceed the De Minimis reporting levels (40 CFR 372).
CERCLA: This product does not have a reportable quantity.
United States Right-To-Know: Glycol ether DPM CAS #34590-94-8 – New Jersey, Massachusetts, Pennsylvania.
Proposition 65: This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.
RCRA: Not applicable.

SECTION 16. OTHER INFORMATION

Date Prepared: February 15, 2016 – SDS updated to meet revision #5 GHS requirements.
Hazard Ratings (HMIS): Health 1, Flammability 2, Reactivity 0 (Scale 0 – 4). Personal Protection Rating to be supplied by user based on use conditions.
Carefully read all instructions on label before handling this product.
Keep out of reach of children.
"FOR INDUSTRIAL USE ONLY"

Abbreviation	Full Name/Explanation
ACGIH	American Conference of Government Industrial Hygienists
CAS	Chemical Abstract Service
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CNS	Central Nervous System
CFR	Code of Federal Regulations
DOT	Department of Transportation
EC	Effective Concentration
GHS	Globally Harmonized System
HMIS	Hazardous Material Information System
LC	Lethal Concentration
LD	Lethal Dose
NA	Not Applicable
ND	Not Determined
NE	Not Established
NIOSH	National Institute for Occupational Safety and Health
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
RCRA	Resource Conservation Recovery Act
SARA	Superfund Amendments and Reauthorization Act
STEL	Short-Term Exposure Limit
STOT	Specific Target Organ Toxicity

TLV	Threshold Limit Value
TSCA	Toxic Substance Control Act
VOC	Volatile Organic Compounds

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.
Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.
SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.