

SAFETY DATA SHEET



SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER

- Product Name • Simply Clean LF
Product Code • DS-FS9119

RELEVANT IDENTIFIED USE OF THE CHEMICAL AND RESTRICTIONS ON USE

- Relevant Use • Low Foaming Printing Press Cleaner.

SUPPLIER DETAILS

- All Printing Resources, Inc.
140 West Lake Drive
Glendale Heights , IL 60139
630-784-3115
www.teamflexo.com

SECTION 2: HAZARD IDENTIFICATION

United States (US) - According to OSHA 29 CFR 1910.1200 Hazard Communication Standard

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

- HAZARD CLASSIFICATION • Skin Corrosion/Irritation - Category 1c - H314
Serious Eye Damage/Eye Irritation - Category 1 - H318

LABEL ELEMENTS

Danger
Danger



- HAZARD STATEMENTS • Causes severe skin burns and eye damage
Causes serious eye damage

- PRECAUTIONARY STATEMENTS • Do not breathe dust/fume/gas/mist/vapours/spray. Wash ... thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. [As modified by IV ATP] IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. [As modified by IV ATP] Wash contaminated clothing before reuse. [As modified by IV ATP] IF INHALED: IF INHALED: Remove person to fresh air and keep comfortable for breathing. [As modified by IV ATP] Immediately call a POISON CENTER/doctor/... [As modified by IV ATP] Specific treatment (see ... on this label). IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Store locked up.

Wear protective gloves/protective clothing/eye protection/face protection. [As modified by IV ATP] IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Immediately call a POISON CENTER/doctor/... [As

modified by IV ATP] If eye irritation persists get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. [As modified by IV ATP] Wash contaminated clothing before reuse. [As modified by IV ATP] IF INHALED: IF INHALED: Remove person to fresh air and keep comfortable for breathing. [As modified by IV ATP] Immediately call a POISON CENTER/doctor/... [As modified by IV ATP] Specific treatment (see ... on this label). IF IN EYES: Rinse cautiously with water for several

OTHER HAZARDS



HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY/NAME	CAS #	Percent Weight
Potassium Hydroxide	1310-58-3	<8

SECTION 4: FIRST AID MEASURES

- INHALATION**
- If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Call a physician immediately.
- SKIN**
- Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician if irritation persists. Wash clothing before reuse.
- EYE**
- Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Call a physician if irritation persists.
- INGESTION**
- Do not induce vomiting. Never give anything by mouth to an unconscious person. Dilute by drinking two large glasses of water. Call a physician immediately.

SECTION 5: FIRE-FIGHTING MEASURES

- SUITABLE EXTINGUISHING MEDIA**
- Use non-flammable or non-explosive extinguishing media.
- SPECIFIC HAZARDS**
- No known unusual hazards in a fire/explosion situation.
- SPECIAL PROTECTIVE ACTIONS FOR FIREFIGHTERS**
- No known unusual hazards in a fire/explosion situation.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

FOR NON-EMERGENCY PERSONNEL

- For non-emergency personnel, ventilate area of leak or spill and remove all ignition sources. Wear appropriate personal protective equipment as required to prevent any contamination of skin, eyes, and personal clothing. Isolate release area. Do not touch or walk through spilled material unless wearing the appropriate protective equipment. Keep unnecessary and unprotected personnel from entering.

FOR EMERGENCY RESPONDERS

- For emergency responders, as an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep out of low areas. Keep unauthorized personnel away. Stay upwind. Ventilate closed spaces before entering.

ENVIRONMENTAL PRECAUTIONS**ACCIDENTAL RELEASE ENVIRONMENTAL**

- Stop leak if you can do it without risk. If possible, keep from entering into drains, surface water, or ground water. For smaller spills, the mixture may be neutralized with a mild acid such as vinegar or citric acid. This product is biodegradable.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP**CONTAINMENT AND CLEANUP**

- Contain and recover liquid when possible. Cover drains or cap spill when safe. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Small spills may be flushed to the sanitary sewer with approval from local authorities.

SECTION 7: HANDLING AND STORAGE**PRECAUTIONS FOR SAFE HANDLING**

- Do not modify the storage container as to make it unsafe. Use caution when opening container as unit may be under mild pressure due to weather or temperature changes. Do not mix with any other chemical unless specifically recommended by manufacturer. Avoid spills into the work or outside environment. Do not eat, drink, or smoke in work areas. Wash hands after use. Remove any contaminated clothing and protective equipment before entering eating areas.

CONDITIONS FOR SAFE STORAGE AND INCOMPATIBILITIES

- Protect against physical damage. Store in a cool, dry, well-ventilated location. Avoid storing in direct sunlight when possible. Separate from incompatible materials such as strong acids or strong bases. Do not store in containers made from soft metals such as aluminum, magnesium, zinc, or galvanized steel.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**CONTROL PARAMETERS**

CHEMICAL IDENTITY/NAME	CAS #	TLV
Potassium Hydroxide	1310-58-3	2 mg/m3

APPROPRIATE ENGINEERING CONTROLS

-

exposure standards.

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT (PPE)

- EYE/FACE PROTECTION**
- Safety glasses with polycarbonate lenses.
- SKIN PROTECTION**
- Nitrile gloves.
- RESPIRATORY PROTECTION**
- None required for normal use. Use an approved NIOSH/MSHA air respirator where use may cause overexposure.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid.	Lower Limits	Not available.
Odor	Light, chemical odor.	Vapor Pressure	Not available.
Odor Threshold	Not available.	Vapor Density	Not available.
pH	13.6 neat	Relative Density	1.08 g/ml
Melting Freezing Pt	Not available.	Solubility	Miscible with water.
Initial Boiling Pt	Not available.	Partition Coefficient	Not available.
Flash Point	DNF	Auto Ignition Temp	Not available.
Evaporation Rate	Not available.	Decomposition Temp	Not available.
Flammability	Not flammable.	Viscosity	Not available.
VOC Content	0 g/L		

SECTION 10: STABILITY AND REACTIVITY

- REACTIVITY**
- No dangerous reaction known under conditions of normal use.
- CHEMICAL STABILITY**
- Stable under normal temperatures and pressures.
- POSSIBILITY OF HAZARDOUS REACTIONS**
- Will not occur.
- CONDITIONS TO AVOID**
- Soft metals such as aluminum or zinc. Strong acids.
- INCOMPATIBLE MATERIALS**
- Avoid contact with strong acids such as hydrochloric, sulfuric, phosphoric acids. Contact with soft metals such as aluminum, magnesium, zinc, or galvanized steel may evolve hydrogen gas. Do not

mix with any other chemical unless instructed to do so by manufacturer.

**HAZARDOUS
DECOMPOSITION
PRODUCTS**

- In case of fire, oxides of carbon, hydrocarbons, fumes or vapors, soot, and smoke may be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

Acute Toxicity Does not meet criteria.

Skin Corrosion/Irritation Skin Corrosion/Irritation - Category 1c

Serious Eye Damage/Irritation Serious Eye Damage/Eye Irritation - Category 1

Respiratory or Skin Sensitization Does not meet criteria.

Germ Cell Mutagenicity Does not meet criteria.

Carcinogenicity Does not meet criteria.

Reproductive Toxicity Does not meet criteria.

STOT Single Exposure Does not meet criteria.

STOT Repeated Exposure Does not meet criteria.

Aspiration Hazard Does not meet criteria.

Target Organs • Skin.

Routes of Entry Exposure • Ingestion, inhalation, skin, eye.

POTENTIAL HEALTH EFFECTS

INHALATION ACUTE • May irritate or burn nose, throat and lungs.

INHALATION CHRONIC • Vapors or mists may aggravate pre-existing lung conditions.

SKIN ACUTE • May cause irritation or burns, redness, or severe pain. Prolonged exposure should be avoided.

SKIN CHRONIC • Sensitivity of the skin may occur with repeated, prolonged exposure.

EYE ACUTE • May irritate or burn eyes. Prolonged exposure to eyes may cause permanent damage and should be avoided.

EYE CHRONIC • No data available.

INGESTION ACUTE • May irritate or burn nose, throat and lungs.

INGESTION CHRONIC • No data available.

MIXTURE INGREDIENT INFORMATION

- Mixture ingredients are at a concentration which is not sufficient to contribute to the overall health effects of the mixture.

SECTION 12: ECOLOGICAL INFORMATION

TOXICITY • Not enough information is available.

PERSISTENCE & BIODEGRADABILITY • Not enough information is available.

BIOACCUMULATIVE POTENTIAL • Not enough information is available.

MOBILITY IN SOIL • Not enough information is available.

OTHER ADVERSE EFFECTS • Not enough information is available for adverse effects.

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL CONSIDERATIONS • Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION 14: TRANSPORT INFORMATION

TRANSPORT • UN1814, Potassium Hydroxide Solution, 8, PGIII

ENVIRONMENTAL HAZARDS • None.

SPECIAL PRECAUTIONS • None.

SECTION 15: REGULATORY INFORMATION

SARA TITLE III INFORMATION

COMPONENT	CAS/313 CATEGORY CODE	PERCENT WT
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None.		
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OTHER REGULATORY INFORMATION

- **TSCA (Toxic Substance Control Act):** All ingredients of this product are listed on the TSCA inventory.
- **CARCINOGENICITY:** Not listed by IARC, NTP, OR OSHA.
- **CALIFORNIA PPROPOSITION 65:** This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins which would be subject to the proposition.

SECTION 16: OTHER INFORMATION

PREPARATION AND REVISION DATE

DATE OF LATEST REVISION • 03/09/2015

SUPERSEDED DATE • 03/09/2015

KEY TO ABBREVIATIONS

N/E = Not Established. CAS = Chemical Abstract Service. PPM = Parts Per Million.
g/L = Grams per Liter

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