

**1 – PRODUCT IDENTIFICATION**

**PRODUCT NAME:** ..... F-321 Industrial Surface Cleaner  
**PRODUCT TYPE:** ..... Liquid Cleaning Compound  
**PRODUCT NUMBER:** ..... **F-321-25/F-321-100**  
**RECOMMENDED USE:** ..... Liquid Cleaner  
**REVISION DATE:** ..... June 10, 2024

**COMPANY:** ..... **Franklin Cleaning Technology**  
One Fuller Way  
Great Bend, KS 67530  
Customer Service: (800) 810-4829

**EMERGENCY PHONE:** ..... CHEMTREC: (800) 424-9300  
Emergency: (620) 792-1711  
24 hour Emergency: (800) 424-9300

**2 – HAZARDS IDENTIFICATION**

*Following statements are applicable to spills of large quantities of product (spills over 5 gallons), or handling damaged pouches (full skid). Handling undamaged pouches of product under normal conditions according to instructions does not present any exposure to concentrate, no PPE is required.*

**CLASSIFICATION OF SUBSTANCE/MIXTURE:** ..... Skin Irritation (2) Serious Eye Damage (1)  
Acute Toxicity – Oral (4)

**SYMBOLS:** .....



**SIGNAL WORD:** ..... DANGER!

**HAZARD STATEMENT:** ..... Causes serious eye damage. Causes skin irritation. Harmful if swallowed.

**PRECAUTIONARY STATEMENTS:**

**PREVENTION:** ..... Wash hands thoroughly after handling. Do not eat, drink, or smoke when using this product.

**RESPONSE:** ..... IF ON SKIN: Wash with plenty of water and soap. If skin irritation occurs - get medical advice. Take off contaminated clothing and wash before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. IF SWALLOWED: Rinse mouth with plenty of water, if symptoms persist - immediately call a POISON CENTER or doctor.

## 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	C.A.S. NUMBER	CONCENTRATION (w/w%)
Ethoxylated Fatty Alcohols	Proprietary *	Proprietary *
Diol	Proprietary*	Proprietary*
*HMIRA RN 03383203	Filing date 2020-08-07	

## 4 – FIRST-AID MEASURES

**BREATHING (INHALATION):** ... If victim shows signs of discomfort or irritation, remove to fresh air. If symptoms persist, get immediate medical attention.

**SWALLOWING (INGESTION):** DO NOT INDUCE VOMITING! Drink a large quantity of water or milk. Do not attempt to give liquids to an unconscious person. Get immediate medical attention!

**EYES:** ..... Flush eyes with a large quantity of fresh water for several minutes. If symptoms persist, get immediate medical attention.

**SKIN (DERMAL):** ..... Flush from skin and clothing with large amounts of fresh water. If irritation persists, consult physician. Wash contaminated clothing before wearing.

## 5 – FIRE-FIGHTING MEASURES

**FLASHPOINT:**..... This product is non-flammable.

**EXTINGUISHING MEDIA:**..... Water fog or fine spray. Carbon dioxide, Dry chemical or Alcohol resistant foam.

**SPECIAL FIRE FIGHTING PROCEDURES:** ..... Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**..... None known.

## 6 – ACCIDENTAL RELEASE MEASURES

**SPILL PROCEDURES:** ..... If a spill over 5 gallons occurs– wear protective clothing to collect spillage (rubber boots, apron, gloves and goggles recommended). Small spill - wipe up with absorbent material. Clean surface thoroughly. Avoid discharge into storm water drains, water courses or onto the ground. Consult local authorities.

**WASTE DISPOSAL:** ..... As recommended by local, state and federal authorities.

## 7 – HANDLING and STORAGE

**STORAGE:** ..... Store in a cool, well ventilated area. Avoid overheating or freezing.

**HANDLING:** ..... Under normal use conditions no protective clothing/equipment is necessary. Do not place this product in an unmarked container! Keep away from children and pets! Spilled material is slippery.

## 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

**RESPIRATORY PROTECTION:** Not usually needed in well-ventilated areas.

**EYE PROTECTION:** ..... Safety glasses if eye contact or spashing possible (in case of spillage)

**PROTECTIVE CLOTHING:** ..... Under normal use conditions according to label directions not usually needed.

**HAND PROTECTION:** ..... Not normally needed, use Nitrile or PVC gloves in case of spillage

**ADDITIONAL MEASURES:** ..... Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke while handling product.

## 9 – PHYSICAL / CHEMICAL PROPERTIES

**APPEARANCE & ODOR:** ..... Clear purple liquid, lavender fragrance added.

**ODOR THRESHOLD:** ..... N/A

**pH:** ..... N/A

**MELTING POINT:** ..... N/A

**FREEZING POINT:** ..... N/A

**BOILING POINT:** ..... 210 degrees F.

**BOILING POINT RANGE:** ..... N/A

**FLASHPOINT:** ..... This product is non-flammable.

**EVAPORATION RATE:** ..... N/A

**FLAMMABILITY (solid/gas):** ..... N/A

**EXPLOSION LIMITS:** ..... N/A

**VAPOR PRESSURE:** ..... N/A

**VAPOR DENSITY (AIR=1):** ..... Greater than 1.

**SPECIFIC GRAVITY:** ..... Less than 1.

**SOLUBILITY IN WATER:** ..... Completely soluble.

**PARTITION COEFFICIENT:** ..... N/A

**AUTO-IGNITION TEMPERATURE:** ..... N/A

**DECOMPOSITION TEMPERATURE:** ..... N/A

**VISCOSITY:** ..... Slight body

**10 – STABILITY and REACTIVITY**

**STABILITY:** ..... Stable under normal conditions.  
**HAZARDOUS DECOMP.:** ..... This product not known to polymerize.  
**INCOMPATIBILITY:** ..... Mix according to manufacturer's instructions. Do not mix with any other chemicals.

**11 – TOXICOLOGICAL INFORMATION**

**ROUTE(S) OF ENTRY:** ..... Skin absorption, eye contact, inhalation in case of spill, or ingestion.

*Following statements are applicable to spills of large quantities of product (spills over 5 gallons), or handling damaged pouches (full skid). Handling undamaged pouches of product under normal conditions according to instructions does not present any exposure to concentrate.*

**LISTED CARCINOGEN:** ..... None over 0.1%.  
**MEDICAL CONDITION AGGRAVATED:** ..... May aggravate pre-existing dermatitis.  
**INHALATION:** ..... Not a likely route of exposure due to the form of the product.  
Maintain adequate ventilation in the work area.  
**INGESTION:** ..... This material can cause irritation to stomach and esophagus.  
**EYES:** ..... May cause severe eye irritation.  
**SKIN (DERMAL):** ..... This product may cause irritation or redness of the skin.  
**ACUTE TOXICITY\* (ORAL):** ..... >1800 mg/kg  
**ACUTE TOXICITY\* (DERMAL):** ..... >2000 mg/kg  
**ACUTE TOXICITY\* (INHALATION):** ..... >20,000 ppm V (Gas), >20 mg/l (Vapor), >5 mg/l (Dust)

\*Determined using the additivity formula for mixtures (GHS Purple Book, 3.1.3.6)

**12 – ECOLOGICAL INFORMATION**

**ENVIRONMENTAL FATE AND DISTRIBUTION:** N/A

**13 – DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:** ..... As recommended by local, state and federal authorities.

**14 – TRANSPORTATION INFORMATION**

**PROPER SHIPPING NAME:** ..... Not D.O.T. regulated.  
**HAZARD CLASS:** ..... None  
**UN/NA NUMBER:** ..... None  
**PACKAGING GROUP :** ..... none

## 15 - REGULATIONS

**Notification status:** All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory

**Notification status:** All ingredients of this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act

**California Prop. 65** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any reproductive harm.

## 16 – OTHER INFORMATION

	NORMAL USE	IN CASE OF SPILL
NFPA HEALTH	0	1
NFPA FLAMMABILITY	0	1
NFPA REACTIVITY	0	0
NFPA OTHER	None	None

**ADDITIONAL:**..... The information contained in this SDS is based on the data available to us from sources we believe to be reliable. No warranty or guaranty expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe- read this product safety information and pass it on to all persons who may be exposed to this product. Federal law requires it. This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.

**REVISION DATE:**..... **June 10, 2024**