



KOCHKLEEN® UCII PF

Section 1. Identification

Product name	KOCHKLEEN® UCII PF
Product Use Description	Cleaning Agent
Manufacturer/Importer/Supplier/Distributor Information	
Company Name	John R Hess & Company, Inc.
Address	400 Station St Cranston, RI 02910 USA
Telephone	(401) 785-9300 (800) 556-4377
E-mail	custerv@jrhess.com
Emergency Phone Numbers	Chemtrec 1-800-424-9300 (Spill, Leak, Fire, Exposure, Accident) +1 (703) 527-3887 (outside USA)

Section 2. Hazards Identification

GHS classification	
Acute toxicity - Oral	Category 4
Serious Eye Damage -	Category 1

GHS label elements

Hazard pictograms/symbols



Signal Word: Danger

Hazard Statements:

H302:Harmful if swallowed.

H318:Causes serious eye damage.

Precautionary Statements:

Prevention :

P264:Wash hands thoroughly after handling.
 P270:Do not eat, drink or smoke when using this product.
 P273:Avoid release to the environment.
 P280:Wear eye protection/face protection.

Response :

P301+P312 :IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P305+P351+P338 :IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 :Immediately call a POISON CENTRE or doctor/physician.

P330 :Rinse mouth.

Disposal

P501:Disposal of contents/container to be specified in accordance with regulations.

Hazards not otherwise classified

Severe eye irritant. Moderate skin irritant.

Risk of serious damage to eyes.

Section 3. Composition/Information on Ingredients

Components	CAS Number	Concentration
Poly(oxy-1,2-ethanediyl), a-undecyl-w-hydroxy-	34398-01-1	100 %

CHEMICAL FAMILY: Alcohol Ethoxylate

Section 4. First Aid Measures

General advice

Seek medical advice. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.

Eye contact

Rinse immediately with plenty of water also under the eyelids for at least 20 minutes. Remove contact lenses.

Skin contact

Wash off immediately with plenty of water for at least 20 minutes. Immediately remove contaminated clothing, and any extraneous chemical, if possible to do so without delay.

Ingestion

Never give anything by mouth to an unconscious person. Prevent aspiration of vomit. Turn victim's head to the side.

Inhalation

Move to fresh air.

Most important

Eye disease. Skin disorders and Allergies.

Symptoms/effects

Acuate and delayed

Section 5. Fire-Fighting Measures

Suitable extinguishing media

Alcohol-resistant foam.

Carbon dioxide (CO₂). Dry chemical.

Dry sand. Limestone powder.

Specific hazards

Incomplete combustion may form carbon monoxide. Burning produces noxious and toxic fumes. Downwind personnel must be evacuated.

Special protective equipment for fire-fighters

Use personal protective equipment. Wear self-contained breathing apparatus for fire-fighting if necessary.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures

Wear suitable protective clothing, gloves and eye/face protection. Use self-contained breathing apparatus and chemically protective clothing. Evacuate personnel to safe areas.

Environmental precautions

Construct a dike to prevent spreading. Construct a dike to prevent spreading.

Methods for cleaning up

Contact Air Products' Emergency Response Center for advice. Approach suspected leak areas with caution. Place in appropriate chemical waste container.

Additional advice

If possible, stop flow of product.

Section 7. Handling and Storage

Handling

Emergency showers and eye wash stations should be readily accessible. Adhere to work practice rules established by government regulations. Avoid contact with eyes. Use personal protective equipment. When using, do not eat, drink or smoke.

Storage

Keep containers tightly closed in a dry, cool and well-ventilated place.

Section 8. Exposure Controls/Personal Protection

Engineering measures

Provide readily accessible eye wash stations and safety showers.

Provide natural or explosion-proof ventilation adequate to ensure concentrations are kept below exposure limits.

Personal protective equipment

Respiratory protection

Not required for properly ventilated areas.

Hand protection

Nitrile rubber.

Impervious gloves.

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Eye protection

Chemical resistant goggles must be worn.

Skin and body protection

Long sleeve shirts and trousers without cuffs.

Environmental exposure controls

Construct a dike to prevent spreading.

Special instructions for protection and hygiene

Provide readily accessible eye wash stations and safety showers. Wash hands at the end of each work-shift and before eating, smoking or using the toilet. Provide readily accessible eye wash stations and safety showers.

Section 9. Physical and Chemical Properties

Appearance	Liquid, Colorless
Odor	Mild
Odor threshold	No data available
pH	No data available.
Melting point/range	39 °F (4 °C)
Boiling point/range	> 572 °F (> 300 °C)
Flash point	302 °F (150 °C)
Evaporation rate	No data available
Flammability (solid, gas)	Not applicable.

Upper/lower explosion/flammability limit	Not applicable.
Vapor pressure	0.05 mmHg
Water solubility	9.4 g/l
Relative vapor density	Not applicable.
Relative density	0.966
Partition coefficient (n- octanol/water)	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	18 mPa.s at 100 °F (38 °C)
Molecular Weight	No data available.

Section 10. Stability and Reactivity

Chemical Stability

Stable under normal conditions.

Conditions to avoid

No data available.

Materials to avoid

Oxidizing agents.

Hazardous decomposition products

Carbon monoxide. Carbon dioxide (CO₂).

Possibility of hazardous Reactions/Reactivity

No data available.

Section 11. Toxicological Information

11.1 Information on toxicological effects

Likely routes of exposure

Effects on Eye: Severe eye irritation.

Effects on Skin: Causes skin irritation.

Inhalation Effects: No data available.

Ingestion Effects: No data available.

Symptoms: No data available.

Acute toxicity

Acute Oral Toxicity No data is available on the product itself.

Acute Oral Toxicity - Components Poly(oxy-1,2-ethanediyl), a-undecyl-w- hydroxy-, LD50 : 1,000 - 2,000 mg/kg, Species : Rat.

Inhalation: No data is available on the product itself.

Acute Dermal Toxicity : LD50 : > 2,000 mg/kg Species : Rabbit.

Skin corrosion/irritation: Moderate skin irritation.

Serious eye damage/eye irritation: Severe eye irritation.

Sensitization.: No data available. Chronic toxicity or effects from long term exposures

Carcinogenicity: No data available.

Reproductive toxicity: No data is available on the product itself. Germ cell mutagenicity : No data is available on the product itself.

Specific target organ systemic toxicity (single exposure): No data available.

Specific target organ systemic toxicity (repeated exposure): No data available.

Aspiration hazard: No data available.

Delayed and Immediate Effects and Chronic Effects from Short and Long Term Exposure

This product contains no listed carcinogens according to IARC, ACGIH, NTP and/or OSHA in concentrations of 0.1 percent or greater. Eye disease., Skin disorders and Allergies.

Section 12. Ecological Information

Ecotoxicity effects

Aquatic toxicity: No data is available on the product itself.

Toxicity to fish – Components Poly(oxy-1,2-ethanediyl), a-undecyl-w- hydroxy-, LC50 (96 h) : 1 - 10 mg/l Species : Fathead minnow (Pimephales promelas).

Toxicity to daphnia - Components Poly(oxy-1,2-ethanediyl), a-undecyl-w- hydroxy-, EC50 (48 h) : 1 - 10 mg/l Species : Daphnia magna.

Toxicity to algae – Components Poly(oxy-1,2-ethanediyl), a-undecyl-w- hydroxy-, EC50 (96 h) : 1 - 10 mg/l Species : Algae.

Toxicity to other organisms: No data available.

Persistence and degradability

Biodegradability: Readily biodegradable, as defined by OECD, substance that degrades > 60- 70% within a 10-day window over 28 days.

Mobility: No data available.

Bioaccumulation: No data is available on the product itself.

Section 13. Disposal Considerations

Waste from residues/unused products: Contact supplier if guidance is required.

Contaminated packaging: Dispose of container and unused contents in accordance with federal, state, and local requirements.

Section 14. Transport Information

DOT

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

TDG

Not dangerous goods

Further Information

Not classified as dangerous in the meaning of transport regulations. The transportation information is not intended to convey all specific regulatory data relating to this material. For complete transportation information, contact an Air Products customer service representative.

Section 15. Regulatory Information

Toxic Substance Control Act (TSCA) 12(b) Component(s): None.

EPA SARA Title III Section 312 (40 CFR 370) Hazard Classification Acute Health Hazard

EPA SARA Title III Section 313 (40 CFR 372) Component(s) above 'de minimus' level None.

US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)

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

This product meets the criteria of the US EPA Design for Environment (DfE) Surfactant screen and is listed on CleanGredients.

Section 16. Other Information

HMIS Rating

Health	*	2
Flammability		1
Physical hazards		0

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