



SAFETY DATA SHEET

Section 1. Identification

Product Name: Efflo Off
Chemical Name: Efflorescence, Mineral & Salt Deposit Cleaner
Synonyms: Mixture
none

Recommended Use of the Mixture and Restrictions On Use:

Restricted To: For Professional Use Only
Uses Advised Against: Not recommended for Household Use.

Supplier's Details: SEK-Surebond Corporation
3925 Stern Avenue
St. Charles, IL 60174
(800) 932-3343
www.sek.us.com

Emergency Telephone Number: CHEMTREC (800) 424-9300 (United States Only)
Chemtrec (outside USA): (703) 527-3887

Section 2. Hazards Identification

Hazard Classification:

OSHA/HCS Status:

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Physical Hazards:

None

Health Hazards:

Skin Irritation	Category 3
Eye Irritation	Category 2B
Corrosive to Metals	Category 2

GHS Label Elements:

Hazard Pictograms:



Signal Word: WARNING

Hazard Statements:

Causes skin irritation
Causes eye irritation
May be corrosive to metals

Precautionary Statements:

Prevention:

Keep out of reach of children. Read label before use. Keep container tightly closed. Keep only in original packaging. Do not get in eyes, on skin, or on clothing. Wear protective gloves, clothing, face and eye protection. Wash thoroughly after handling. Do not breathe mist, fumes, vapor, or spray. Do not eat, drink, or smoke when using this product.

Response:

Show this safety data sheet to the doctor in attendance.

IF ON SKIN: Immediately take off all contaminated clothing and wash before reuse. Rinse skin with plenty of water or shower. If skin irritation occurs get medical advice/attention.

IF IN EYES: Rinse thoroughly with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention/advice.

IF SWALLOWED: Do NOT induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Get medical attention if exposed and you feel unwell.

IN CASE OF FIRE: Use any suitable means.

Storage:

Store locked up in a cool, well ventilated place. Do not allow to freeze .

Disposal:

Dispose of contents and container to appropriate waste site or reclaimer in accordance with all applicable laws, regulations, and product characteristics at time of disposal.

Hazards not otherwise classified:

No data available

Section 3. Composition/Information on Ingredients

Substance/Mixture: Mixture
Chemical Name: NA
Other Means of Identification: Efflo Off
Efflorescence, Mineral & Salt Deposit Cleaner

CAS number/other identifiers:

CAS Number: Mixture

Hazardous Components:

Ingredient Name	%	CAS Number
Chloramine	<50.0*	Trade Secret
Surfactant blend	<5.0*	Trade secret
Balance	Balance*	Trade secret

*= Proprietary (the exact percentage (concentration) of composition has been withheld as a trade secret.)

Occupation exposure limits, if available, are listed in Section 8.

Section 4. First Aid Measures

Description of Necessary First Aid Measures:

General advice

Get medical attention. Show this safety data sheet to the doctor in attendance. Remove contaminated clothing. Wash thoroughly after handling.

If inhaled

Move person to fresh air. If irritation persists, call a physician. If not breathing, give artificial respiration.

In case of skin contact

Take off contaminated clothing and shoes. Wash off with soap and plenty of water. Wash clothes before reuse. If irritation develops, seek medical attention.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Consult a physician immediately.

If swallowed

Do NOT induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a physician immediately.

Most Important Symptoms/Effects, Acute:

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.

Indication of immediate medical attention and special treatment needed (if necessary):

No data available.

Section 5. Firefighting Measures

Extinguishing Media:

In case of fire use any suitable means.

Special hazards arising from the substance or mixture:

During fire, gases hazardous to health may be formed.

Advice for firefighters:

Use protective clothing and NIOSH-approved breathing equipment in case of fire.

Further information:

No data available.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Isolate the area and contain the spilled material. Persons not wearing the appropriate PPE should be removed from the area until the spill is cleaned up. Stop leak if you can do it without risk and avoid run off to waterways and sewers.

Environmental Precautions:

Do not let product enter waterways and sewers.

Methods and materials for containment and cleaning up:

Soak up with inert absorbent material and prepare for disposal. Keep in suitable, closed containers for disposal. Never return spills to original container for reuse.

Reference to other sections:

For disposal see section 13.

Section 7. Handling and Storage

Precautions for Safe Handling:

Protective Measures:

Wear all appropriate Personal Protective Equipment (PPE). Avoid prolonged exposure. Vapors may accumulate in confines or poorly vented areas so provide adequate ventilation at all times. Do not mix with other chemicals. Use the product in a manner which minimizes splashes. Keep container closed when not in use.

Conditions for Safe Storage, Including any Incompatibilities:

Keep container tightly closed in a dry and well-ventilated place at ambient temperatures. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Regulatory Requirements: No data found

Storage stability:

Shelf life, use within: 24 months

Section 8. Exposure Controls/Personal Protection

Control Parameters:

Appropriate Engineering Controls:

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Ensure that eyewash stations and safety showers are close to the workstation location.

Ventilation Controls:

Provide adequate ventilation to control airborne concentration. In case of insufficient ventilation, wear suitable respiratory equipment.

Administrative controls:

Educate and train employees in safe use of this product. Follow all label warnings and data sheet instructions.

Individual Protection Measures:

As prescribed in the OSHA Standard for Personal Protective Equipment (29 CFR 1910.132), employers must perform a hazard assessment of all workplaces to determine the need for proper protective equipment for each employee.

Eye/Face Protection:

Close fitting safety goggles. Face Protection shield if needed.

Skin & Body Protection:

Wear protective gloves and protective clothing.

Respiratory Protection:

If irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Contaminated Equipment:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains, waterways and sewers. Discharge into the environment must be avoided. Dispose of the waste in compliance with federal, state, regional and local regulations.

Section 9. Physical and Chemical Properties

Information on basic physical and chemical properties:

Appearance Form:	Liquid, Pale Color
Odor:	Fresh Scent
Odor Threshold:	Not determined
pH:	≥ 1.0
Melting point/freezing point:	No data available
Initial Boiling point and boiling range:	> 212° F (>100°C)
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid, gas):	Not applicable
Upper/lower flammability or explosive limits:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Relative density (water=1):	1.08 g/cm ³ at 25°C (77 °F)
Water solubility:	Fully Miscible
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	Water thin
Explosive properties:	Product does not present an explosion hazard
Oxidizing properties:	No data available

Section 10. Stability and Reactivity

Reactivity:

No data available.

Chemical Stability:

Stable under recommended storage conditions.

Possibility of Hazardous Reactions:

No data available

Conditions to Avoid:

High heat, incompatible material

Incompatible Materials:

Strong alkali and oxidizing agents

Hazardous Decomposition Products:

No data available

Other Decomposition Products:

No data available

Other Information: In Event of Fire: See Section 5

Section 11. Toxicological Information

Information on Toxicological Effects:

Product Information:

Inhalation:	May be harmful if inhaled.
Ingestion:	Harmful if swallowed.
Eyes:	Causes irritation and possible damage if left untreated.
Skin:	May cause irritation with prolonged contact.

Germ cell mutagenicity:

No data available

Carcinogenicity:

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Reproductive toxicity:

No data available

Specific target organ toxicity - single exposure:

No data available

Specific target organ toxicity - repeated exposure:

No data available

Aspiration hazard:

No data available

Additional Information:

No data available

Section 12. Ecological Information

Toxicity:

No data available

Persistence and Degradability:

No data available

Bioaccumulative Potential:

No data available

Mobility in Soil:

No data available

Other adverse Ecological Effects:

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Section 13. Disposal Considerations

Waste Disposal Method:

If possible, recover product for intended use. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Empty Container Precautions:

No data available



Contaminated packaging:

Dispose of as unused product.

Section 14. Transport Information

DOT Classification: Not regulated by the DOT

DOT Information: No data available

	IMDG (SEA)	IATA (AIR)
UN Number	UN1760	UN1760
UN Proper Shipping Name	CORROSIVE LIQUIDS, N.O.S	CORROSIVE LIQUIDS, N.O.S.
Transport Hazard Class	8 	8 
Packing Group	III	II
Environmental Hazards	No.	No.
Additional Information	Contains: Urea, Monohydrochloride	Contains: Urea, Monohydrochloride

Important Note: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.

Section 15. Regulatory Information

This listing is to highlight federal level regulations of the product. Individual states and other nations may have further regulations not listed below.

Classification of Mixture:

US Federal Regulations:

SARA 313:

SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories:

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

California Prop. 65:

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

Section 16. Other Information

HMIS <R> Hazard Ratings

HEALTH 1

FIRE 0

REACTIVITY 1

Personal Protective Equipment: B: Chemical resistant Gloves and Goggles

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