



# SAFETY DATA SHEET

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## Section 1. Identification

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**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](http://www.sek.us.com)

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

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## Section 2. Hazards Identification

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**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 Corrosion – Category 1B  
Serious Eye Irritation – Category 2A  
Acute Oral Toxicity – Category 4

## GHS Label Elements:

### Hazard Pictograms:



Signal Word: DANGER

### Hazard Statements:

Causes severe skin burns and eye damage  
Harmful if swallowed

### Precautionary Statements:

#### Prevention:

Keep out of reach of children. Read label before use. Wear protective gloves, clothing, face and eye protection. Wash thoroughly after handling. Do not breathe vapors, spray or mist. Do not eat, drink, or smoke when using this product.

#### Response:

Show this safety data sheet to the doctor in attendance.

**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration.

**IF ON SKIN:** Immediately take off all contaminated clothing and wash before reuse. Rinse skin with plenty of water or shower. Immediately call a Poison Center or doctor.

**IF IN EYES:** Rinse cautiously with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Center or doctor.

**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 water fog, dry chemical, CO<sub>2</sub>, or alcohol foam to extinguish.

#### 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

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## Section 3. Composition/Information on Ingredients

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**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:**

<b>Ingredient Name</b>	<b>%</b>	<b>CAS Number</b>
Urea, Monohydrochloride	30-50	506-89-8
Potassium Hydroxide(457)	1-5	1310-58-3
Nonionic Surfactant	1-5	9016-45-9
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.**

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## Section 4. First Aid Measures

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**Description of Necessary First Aid Measures:**

**General advice**

Get medical attention if exposed and you feel unwell. 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.

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## **Section 5. Firefighting Measures**

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**Extinguishing Media:**

In case of fire use water fog, dry chemical, CO<sub>2</sub>, or “alcohol foam” to extinguish.

**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.

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## **Section 6. Accidental Release Measures**

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**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.

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## **Section 7. Handling and Storage**

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**Precautions for Safe Handling:**

**Protective Measures:**

Wear all appropriate Personal Protective Equipment (PPE). Avoid prolonged exposure. Provide adequate ventilation. 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

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## **Section 8. Exposure Controls/Personal Protection**

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**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.

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## **Section 9. Physical and Chemical Properties**

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### **Information on basic physical and chemical properties:**

Appearance Form:	Liquid, Pale Clear
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):	1.13 g/cm <sup>3</sup> 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

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## Section 10. Stability and Reactivity

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### Reactivity:

Stable under normal storage and transport conditions of use.

### 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 reducing agents

### Hazardous Decomposition Products:

No data available

### Other Decomposition Products:

No data available

### Other Information:

In Event of Fire: See Section 5

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## Section 11. Toxicological Information

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### Information on Toxicological Effects:

#### Product Information:

Inhalation:	May be harmful if inhaled.
Ingestion:	May be harmful if swallowed.
Eyes:	Causes serious eye 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

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## Section 12. Ecological Information

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**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.

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## Section 13. Disposal Considerations

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**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.

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## Section 14. Transport Information

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**DOT Classification:** Hazardous

**DOT Information:**

**UN #:** UN3265

**UN Proper Shipping Name:** Corrosive liquid, acidic, organic, n.o.s. (urea hydrochloride)

**Transport Class:** Class 8, Packing Group III

**Limited Quantity Exceptions [ 49 CFR 173.154 (b)(2) ] :** For Class 8, Packing Group III materials having inner packaging not over 5.0 L (1.3 gallons) net capacity each in a strong outer packaging.

**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.

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## Section 15. Regulatory Information

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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:**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29CFR 1910.1200.

**SARA 313:**

SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). Not Regulated.

**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.

**US Right-to-Know Regulations:**

Not regulated

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## Section 16. Other Information

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**Personal Protective Equipment:** B: Chemical resistant Gloves and Goggles

**Date of Issue/Date of Revision:** 4/6/16

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