

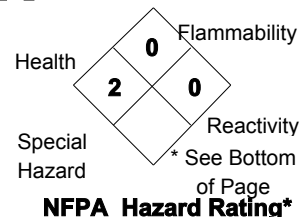
MATERIAL SAFETY DATA SHEET

Manufactured by:

SURFLEX
SERIES

**Anderson
Chemical Company**

325 SOUTH DAVIS AVENUE
LITCHFIELD, MINNESOTA 55355
(320) 693-2477



Product Name: EZ Off

24-HOUR EMERGENCY PHONE #: 1-800-424-9300 (CHEMTREC)

Revised: 12/6/2011 Imt
Supersedes: 12/19/2006

I. IDENTIFICATION

Chemical Name And Synonyms:

Not applicable

DOT Shipping Name

Corrosive Liquid, Basic, Inorganic, N.O.S.
(Sodium Hydroxide / Sodium Metasilicate)

Chemical Family:

Not applicable

DOT Hazard Class & I.D. Number

Corrosive Material UN3266

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II. HAZARDOUS INGREDIENTS

Component	CAS NO.	%	TLV	PEL	Toxic	Hazard
Sodium Hydroxide	1310-73-2	6	2 mg/M3	2 mg/M3	NA	Corrosive to skin and eyes.
Monoethanolamine	141-43-5	2	3 ppm	6 ppm	NA	May cause severe eye and skin irritation, burn.
Sodium Metasilicate, Pentahydrate	6834-92-0	2	None	None	NA	Irritant to eyes and mucous membranes.
Trade Secret	TSRN 3475		NE	NE	NA	Eye and skin irritant.
Trade Secret	TSRN 8250		NE	NE	NA	May cause irritation to the eyes, skin, and respiratory tract.

**Toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR §372).

NA: Not applicable
NE: Not established

III. PHYSICAL DATA

Boiling Point: Above 212° F.
Specific Gravity: 1.096
Appearance: Clear, pale amber liquid

Form: Liquid
Solubility In Water: Complete
Odor: None

pH, 1% Soln.: 11.9

IV. FIRE AND EXPLOSION HAZARD DATA

Flashpoint: Not Applicable

Extinguishing Media: Use media appropriate to surrounding fire.

Special Fire Fighting Procedures: Although this product is not combustible, if a fire occurs in the near vicinity, good firefighting practice dictates the use of self-contained breathing apparatus and other protective gear. Cool fire-exposed containers with water. Move fire exposed containers if it can be done without risk.

Unusual Fire And Explosion Hazards: If the stock solution container breaks, the solution should be handled with care as it is corrosive.

V. HEALTH HAZARD DATA

Carcinogenic: The raw materials used in this product are not considered to be a carcinogen by ACGIH and OSHA.

Effects Of Over-exposure: Corrosive. Causes irritation (possibly severe), burns to the eyes. May cause permanent eye damage. Causes irritation (possibly severe), burns to the skin. Causes irritation (possibly severe), burns, nausea, vomiting to the gastrointestinal tract. The severity of effects depend on concentration and how soon after exposure the area is washed.

Emergency And First Aid Procedures: Eyes: Flush immediately with water for 15 minutes. Lift upper and lower eyelids for complete rinsing. Get immediate medical attention.

Skin: Flush with water for 15 minutes. If irritation persists after rinsing, get medical attention. Remove contaminated clothing and wash before reuse.

Ingestion: Rinse mouth with water. Give water to dilute. Do not induce vomiting. Get immediate medical attention. Never give anything by mouth to a semi-comatose, comatose, convulsing or unconscious person.

* NFPA/HMIS Degree or Hazard: 4 = Extreme; 3 = High; 2 = Moderate; 1 = Slight; 0 = Insignificant.

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HMIS A. Safety Glasses B. Safety Glasses, Gloves C. Safety Glasses, Gloves, Apron D. Face Shield, Gloves, Apron E. Safety Glasses, Gloves, Dust Respirator F. Safety Glasses, Gloves, Apron, Dust Respirator G. Safety Glasses, Gloves, Vapor Respirator H. Splash Goggles, Gloves, Apron, Vapor Respirator I. Safety Glasses, Gloves, Vapor and Dust Respirator J. Splash Goggles, Gloves, Apron, Vapor and Dust Respirator K. Air Line, Hood or Mask, Gloves, Full Suit, Boots X. Ask your supervisor for guidance.

VI. REACTIVITY DATA

Stability - Unstable: **Stable: x**

Conditions To Avoid: Do not mix with acids.

Incompatibility: Acids, halogenated compounds, prolonged contact with aluminum, brass, bronze, copper, lead, tin, zinc or other alkali (Materials to Avoid) sensitive metals or alloys. Avoid contact with leather, wool, organic nitro compounds.

Hazardous Toxic fumes of sodium oxide.

Decomposition Products:

VII. SPILL OR LEAK PROCEDURES

Steps To Be Taken In Case Material Is Released Or Spilled:

Small spills can be diluted with a large amount of water and flushed to sanitary sewer. For large spills, evacuate nonessential personnel. Wear appropriate personal protection equipment. Completely contain spilled material with dikes or sandbags, etc., and prevent run-off into ground or surface waters or sewers. Recover as much material as possible into containers for disposal or reuse. Liquid may be removed with a vacuum truck. Remaining material may be diluted with water and neutralized with dilute acid. Flush spill area with water followed by a liberal covering of sodium bicarbonate. Neutralization products, both solid and liquid, must be recovered for disposal.

Waste Disposal Method: Dispose of the product according to local, state or federal regulations.

VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: Respiratory protection is not required for normal use. If mist level is high, wear NIOSH approved respirator.

Ventilation: Should be adequate to keep mist level below the TLV.

Protective Gloves: Rubber or chemical resistant

Eye Protection: Chemical glasses.

Protective Clothing: In situations where contact with large amounts can be anticipated, protective clothing should be worn.

IX. SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing:

Avoid contact with skin and eyes. Wash thoroughly after handling. Keep container closed and sealed. Containers that have been emptied will retain product residue and should be handled as if they were full. Do not store in aluminum container or use aluminum fittings or transfer lines, as flammable hydrogen gas can be generated.

Other Precautions Safety shower and eyewash stations should be provided in the areas where this product is handled.

X. REVISED INFORMATION

MSDS Status: General update