

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration  
**MATERIAL SAFETY DATA SHEET**

(Prepared According to 29 CFR 1910.1200)

---

**SECTION 1 IDENTIFICATION**

Product Name: **FORMULA 188663/188664 FRESH START**  
Manufacturer's Name: ZENEX International  
Manufacturer's Address: 7777 First Place, Cleveland Ohio 44146  
Manufacturer's Phone Number: (440) 232-4155  
Emergency Phone Number: 1-800-535-5053  
Proper Shipping Name: Consumer Commodity, ORM-D  
Effective Date: 5-31-02

---

**SECTION 2 IDENTITY INFORMATION AND HAZARDOUS INGREDIENTS**

Chemical Name:	CAS No.:	TLV:	Carcinogen:
Water	7732-18-5	Not applicable	No
Surfactant	68298-20-4	Not established	No
Surfactant	68412-54-4	Not established	No
Perfume	Proprietary	Not available	No

This formula contains no ingredients subject to the reporting requirements of SARA title III, section 313.

---

**SECTION 3 PHYSICAL DATA**

Boiling Point:	210-220° F	Specific Gravity :	1.01 ± .01
Solubility in Water:	Complete	Evaporation Rate(H <sub>2</sub> O=1):	1.0 ± 0.2
Physical Description:	Clear liquid, unique scent	pH (Concentrate):	10.0 ± 0.5

---

**SECTION 4 FIRE AND EXPLOSION HAZARD DATA**

Flash Point: None  
Flammable Limits: LEL: Not Applicable UEL: Not Applicable  
Extinguishing Media: Material will not burn.  
Special Fire Fighting Procedures: None  
Unusual Fire and Explosion Hazards: None

---

**SECTION 5 REACTIVITY DATA**

Stability: Unstable \_\_\_\_\_  
Stable  X   
Incompatibility (Materials to Avoid): None  
Conditions to Avoid: None  
Hazardous Decomposition or Byproducts: None known  
Hazardous Polymerization: Will not occur

---

## **SECTION 6 STORAGE AND HANDLING INFORMATION**

Precautions to be Taken in Handling and Storing: Empty containers retain product residue which should be treated in accordance with all precautions on this data sheet.

KEEP AWAY FROM CHILDREN  
FOR USE BY TRAINED PERSONNEL ONLY  
KEEP FROM FREEZING

FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY  
KEEP CONTAINER CLOSED DURING STORAGE  
STORE BETWEEN 40°F AND 100°F

---

## **SECTION 7 HEALTH HAZARDS AND FIRST AID**

### **Effects of Overexposure:**

SKIN: Concentrate may cause skin irritation, reddening, or dermatitis upon repeated contact.

EYES: Concentrate is an eye irritant and may cause irritation, redness, or tearing.

INHALATION: No ill effects expected.

INGESTION: If swallowed, product may be irritating to the gastrointestinal system.

### **First Aid Procedures:**

SKIN: Immediately flush exposed area with water for at least 15 minutes. If irritation persists, get medical attention. Remove contaminated clothing and launder before reuse.

EYES: Immediately flush with large quantities of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Seek medical attention.

INHALATION: None normally required.

INGESTION: DO NOT induce vomiting. Dilute by giving water or milk. Note: Never give anything by mouth to an unconscious or convulsing victim. Keep person warm and quiet. Get medical attention immediately.

---

## **SECTION 8 SPECIAL PROTECTION INFORMATION**

Respiratory Protection: None normally required.

Ventilation: Provide local exhaust.

Protective Gloves: ZENEX supports employee safety as priority #1. Therefore, we recommend the use of impervious, waterproof gloves.

Eye Protection: ZENEX supports employee safety as priority #1. Therefore, we recommend the use of safety glasses or chemical splash goggles.

Other Protective Equipment: None normally required.

---

## **SECTION 9 SPILL OR LEAK PROCEDURE**

### **Steps To Be Taken In Case Material Is Released or Spilled:**

Wash product to sewer with large amounts of water in accordance with all local, state, federal and EPA regulations.

### **Waste Disposal Method:**

Any method in accordance with applicable laws.

---

This information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition. We make no warranties, express or implied, and assume no liability in connection with any use of this information. 188663