



Hazard Rating 1 Health 0 Flammability 0 Reactivity 0  
4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Insignificant, \* = Chronic Health Hazard

Personal Protection = A - Safety Glasses

MATERIAL SAFETY DATA SHEET – U. S. DEPARTMENT OF LABOR

COMPLIES WITH OSHA SAFETY AND HEALTH REGULATIONS, (29 CFR 1910.1200) –

SECTION I : MANUFACTURER OR DISTRIBUTOR  
**IOWA PRISON INDUSTRIES**

406 N HIGH ST

Anamosa, IA 52205

Emergencies: 561 995 0070

24 Hour Transportation Emergency:561 995 0070

PRODUCT IDENTIFICATION

HE TYPE LAUNDRY DETERGENT / BLEACH ALTERNATIVE

Synthetic Surfactant Solution

DATE REVISED: 9/5/12 -----

SECTION II: Hazardous Ingredients	CAS #	ACGIH TLV/OSHA PEL	% OPTIONAL	PRIMARY HAZARD
Water	7732-18-4	NE NE	60 - 70	
Acrylic co-polymer surfactant	NE	NE NE	30 - 40	Eye irritant
Sodium Alkylaryl Sulfonate	68081-81-2	NE NE	5 - 10	Eye irritant
Sodium Carbonate	497-19-8	NE NE	1 - 5	Skin irritant
Sodium Citrate	68-04-2	NE NE	1 - 5	Eye irritant
Protease, Amylase, Lipase Blend	NE	NE NE	5 - 10	Eye & Skin Irritant

- -> These Items are listed on the SARA TITLE III SECTION 313 INVENTORY
- +> DENOTES CEILING LIMIT

SECTION III : PHYSICAL DATA

Clear Liquid, Pleasant Odor

SPECIFIC GRAVITY: 1.03

PERCENT VOLITILE: NA

SOLUBILITY IN WATER: Infinitely soluble

pH: 7.5 – 8.5

PERCENT VOC: 0

SECTION IV: FIRE AND EXPLOSION DATA

Flash Point, (Method Used): No flash at the boil > 200°f

Flammable Limits: Not Applicable

Extinguishing Media: All types as determined by primary cause of combustion.

Hazardous Decomposition Product: None

\* SECTION VI: REACTIVITY DATA

Stability Data: Product is Stable

\* Incompatibility: None

\* Hazardous Decomposition: None

\*

SECTION V: HEALTH HAZARD AND FIRST AID -

NATIONAL POISON CONTROL 800 222 1222

Threshold Limit Value: Not Established

Carcinogen: This product contains no known carcinogen or potential

carcinogen. As defined by PSHA, The NTP, or The IARC MONOGRAPHS.

\* SECTION VIII: SPECIAL PROTECTION

\* Respirator is not required.

\* Provide clean work room air.

\* Use chemical splash goggles.

\* Follow standard industrial hygiene

\* practices.

Effects of Overexposure:

Eye Irritant - Possible Skin Irritant. Avoid contact with product

Emergency First Aid Procedures:

Inhalation: If bothersome, remove to fresh air whenever possible.

Eyes: Flush with water (minimum 15 min.). If irritation is apparent call a physician.

Skin: Flush with water, if irritation is apparent, call a physician.

Ingestion: Drink large volume of milk or water, call a physician.

SECTION VII: Spill or Leak Procedures

Small Spills: Wipe up product, rinse soiled area with water down drain.

Large Spills: Stop leak at the source and collect into a suitable container then treat as a small spill.

Follow state and local regulations for disposal of large non-reclaimable spills.

Precautions to be taken in Handling and Storage: Always store unused portion in original container with cap secure.

Other Precautions: As with all chemicals use due care according to label instruction and precautions.