

# MATERIAL SAFETY DATA SHEET

## Z-FORCE BLEACH 5.25 % WT

### SECTION I – PRODUCT IDENTIFICATION

PRODUCT NAME: Z-Force Bleach

MANUFACTURER: Champion Packaging  
1840 Internationale Parkway  
Woodridge, IL 60517  
(630) 972-0100

DATE LAST REVISED: May 1, 2007

CAS NUMBER: 7681-52-9

CHEMICAL FORMULA: NaOCl (Solution)

HAZARDOUS INGREDIENTS: Sodium Hypochlorite 5.25% WT

EMERGENCY TELEPHONE NO.: INFOTRAC: 1-800-535-5053

### SECTION II – PHYSICAL DATA

APPEARANCE: Clear to Yellow Liquid

ODOR: Pungent, irritating, that of household bleach.

SOLUBILITY: Complete

BOILING POINT: Decomposes prior to boiling

SPECIFIC GRAVITY: 1.086 @ 60° F

pH: 12.75

VAPOR PRESSURE: Approximately that of air

EVAPORATION RATE: Not Applicable

### SECTION III – FIRE AND EXPLOSION INFORMATION

FIRE: Not considered to be a fire hazard.

EXPLOSION: Not considered an explosion hazard.

FIRE EXTINGUISHING MEDIA: Use any means suitable for extinguishing surrounding fire.

SPECIAL INFORMATION: Wear fully encapsulated suits with self-contained breathing apparatus (Positive Pressure).

## SECTION IV – REACTIVITY DATA

STABILITY: Stable under ordinary conditions of use and storage. Unstable at elevated temperatures.

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposes under various mechanisms. May generate chlorine or oxygen, which can be toxic and explosive, respectively.

HAZARDOUS POLYMERIZATION: This substance does not polymerize.

INCOMPATIBILITIES (Material to Avoid): Reacts vigorously with Amine, Ammonium Acetate, Ammonium Oxalate, Acids and most organics.

## SECTION V – LEAK / SPILL DISPOSAL INFORMATION

RELEASES/SPILLS: Move unprotected personnel upwind out of danger.

REPORTABLE QUANTITY (RO) (CWA/CERCLA): 100 lbs., 454 Kg

DISPOSAL: Dilute with water and flush to local sewer system, if permitted. Solid waste must be disposed of in a permitted waste management facility. Ensure compliance with local, state, and federal regulations.

## SECTION VI – HEALTH HAZARD INFORMATION

### EXPOSURE/HEALTH EFFECTS:

INHALATION: Respiratory tract irritant.

INGESTION: Can cause corrosion of the mucous membranes.

IF SWALLOWED: Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

SKIN CONTACT: Contact with liquid can cause chemical burns. Immediately flush with soap and water.

EYE CONTACT: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

CHRONIC EXPOSURE: No data found.

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN: NTP -NO; IARC -NO; OSHA -NO; ACGIH -NO.

## SECTION VII – OCCUPATIONAL CONTROL MEASURES

OSHA PERMISSIBLE EXPOSURE LIMIT: Not established.

VENTILATION SYSTEM: Local exhaust.

PERSONAL RESPIRATORS: (NIOSH Approved) Recommended for all personnel working in or about an area of potential exposure.

SKIN PROTECTION: Wear impervious protective clothing including boots, gloves, lab coat, apron, or coveralls to prevent skin contact.

EYE PROTECTION: Use chemical safety goggles that are impervious to product. Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in work area.

SECTION VIII – STORAGE AND SPECIAL INFORMATION

Store in cool, dry, ventilated area. Protect against physical damage. Keep separate from incompatibles.

SECTION IX – REGULATORY INFORMATION

Regulated under the Federal Insecticide Fungicide and Rotenticide Act (FIFRA) if any sanitation or disinfection claims are made on label.

NFPA/HMIS RATINGS:

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
HIGHER ALKALINITY	R - 1.

SARA TITLE III - SEC. 302, 304, 311, 312.

REPORTABLE QUANTITY (RQ) (CWA/CERCLA): 100 lbs.

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