

# MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION

DATE ISSUED: 2007

PRODUCT NAME: **SPECIAL FORMULA JR 100**

SUPPLIER'S NAME:  
Rubachem Systems, Inc.

DOT CLASSIFICATION: None

PRODUCT #: 4552

SUPPLIER'S ADDRESS:  
P.O. Box 901

DOT SHIPPING NAME: None

PRODUCT TYPE: Alkaline Cleaner

Northvale, NJ 07647

HAZARD RATING:

CHEMICAL FAMILY: Surfactant Blend

EMERGENCY PHONE: 800-535-5053

HEALTH: 1 FLAMMABILITY: 0  
REACTIVITY: 0 PERSONAL PROTECTION: B

## SECTION 2 - INGREDIENTS INFORMATION

CHEMICAL NAME	CAS NO.	% / WT.	THRESHOLD LIMIT VALUE
PROPYLENE GLYCOL t-BUTYL ETHER	57018-52-7	TO 4	N/E
SODIUM METASILICATE	6834-92-1	TO 4	2mg/m3
TRISODIUM PHOSPHATE	10101-89-0	TO 5	N/E
ANIONIC SURFACTANT	MIXTURE	TO 3	N/E
WATER	7732-18-5	TO 85	NONE

\*An asterisk indicates the toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372:

## SECTION 3 - PHYSICAL DATA

## SECTION 4 - REACTIVITY DATA

**BOILING RANGE (F):** 210-220 °F      **SPECIFIC GRAVITY:** 1.05  
**VAPOR PRESSURE:** (mm Hg): <17      **VAPOR DENSITY:** >1  
**% VOLATILE:** 85-90      **pH:** 13  
**SOLUBILITY IN WATER:** Complete      **EVAPORATION RATE:** N/A  
**PHYSICAL DESCRIPTION:** Clear, Purple liquid, slight solvent odor.

**STABILITY:** Stable  
**HAZARDOUS POLYMERIZATION:** Will Not Occur  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong acids and oxidizers  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Normal products of combustion

## SECTION 5 - FIRE & EXPLOSION HAZARD DATA

## SECTION 6 - STORAGE & HANDLING INFORMATION

**FLASH POINT:** Exceeds 200 °F  
**FLAMMABILITY:** Non-Flammable  
**EXTINGUISHING MEDIA:** Water, CO<sub>2</sub>  
**SPECIAL FIRE FIGHTING PROCEDURES:** Floor may be slippery  
**UNUSUAL AND EXPLOSION HAZARDS:** None

**SPECIAL PRECAUTIONS:** Keep out of reach of children.  
Use only in well ventilated area.  
For institutional and industrial use only.  
For use by trained personnel only.  
Store and keep in closed container, in a cool place.  
Avoid freezing.

## SECTION 7 - HEALTH HAZARD DATA

## SECTION 8 - FIRST AID PROCEDURE

**EYES:** May cause severe irritation.      **EXPOSURE LIMITS:** N/E  
**SKIN:** May cause severe irritation.      **CARCINOGENICITY:**  
NTP: Not listed  
**INHALATION:** May cause irritation to upper tract.      **IARC:** Not listed  
**INGESTION:** May cause irritation of mucous membranes.      **OSHA:** Not regulated  
**MEDICAL CONDITION AGGRAVATED BY EXPOSURE:**  
Person with present skin disorder may be more susceptible to irritation.

**EYES:** Flush with running water for 15 minutes.  
**SKIN:** Wash off with soap and water.  
**INHALATION:** Remove to fresh air.  
**INGESTION:** Do not induce vomiting.  
Drink plenty of water.  
If unconscious or in convulsion, take to hospital or physician.

## SECTION 9 - PRECAUTIONS FOR SAFE HANDLING

## SECTION 10 - SPILL OR LEAK

**RESPIRATORY PROTECTION:** No special requirements.  
**PROTECTIVE GLOVES:** Chemical resistant.  
**VENTILATION:** Good ventilation required.  
**EYE CONTACT:** Goggles or Face Shield.

**SPILLAGE:** Dike & contain spill, absorb the liquid.  
**DISPOSAL:** Scoop or shovel solid material into a suitable container for recovery or disposal. Area may become slippery.  
Flush cleaned area with water.  
Dispose according to local, state and federal requirements.

N/D = Not Determined, N/E = Not Established, N/A = Not Applicable

THIS PRODUCT SAFETY DATA SHEET IS OFFERED SOLELY FOR YOUR INFORMATION, CONSIDERATION AND INVESTIGATION.  
DATA SUPPLIED IS FOR USE ONLY IN CONNECTION WITH OCCUPATION SAFETY AND HEALTH.