

# MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

Product Name: AUTOMATIC DISH WASH  
AUTOMATIC DISH WASH  
DETERGENT POWDER - ALKALINE CLEANER

Chemical Formula: NP 113

Manufacturer: Hawco Products Limited  
61 Shaver Street,  
Brantford, Ontario. N3T 5V6

Distributor:

Emergency Telephone Number: 1-519-759-2443

Date prepared: September 3, 2014

### Hazard Rating

HEALTH: 2

FLAMMABILITY: 0

REACTIVITY: 0

PERSONAL PROTECTION: D

## SECTION II - INGREDIENTS (disclosed as per 29 CFR 1910.1200)

Ingredients	CAS#	Wt%	ACGIH-TLV
SODIUM SILICATE	6834-92-0	15 - 40	NAV
SODIUM CARBONATE	497-19-9	15 - 40	NAV
SODIUM DICHLOROSISOCYANURATE DIHYDRATE	51580-86-0	1 - 5	NAV

## SECTION III - PHYSICAL DATA

Boiling Point (deg C): NAV      Specific gravity: NAV  
Composite Partial Vapour Pressure (mm Hg @ 25C): NAV      Solubility in Water: (20C) 18 - 20%  
pH (as supplied): 1% SOL 'N 12.5      Color: FINE WHITE POWDER  
Physical State: POWDER      Odor: CHLORINE ODOR

## SECTION IV - FIRE AND EXPLOSION DATA

Flammability: NOT FLAMMABLE  
Flash Point (deg C, TCC): NAV LEL: NAV      UEL: NAV  
Hazardous combustion products: NAV      Extinguishing Media: NON FLAMMABLE  
Special Fire Hazards: NON FLAMMABLE

## SECTION V - REACTIVITY DATA

Conditions for Chemical Instability: STABLE  
Incompatible Materials: CONTACT WITH ACIDS WILL RELEASE CHLORINE GAS, CO, CO2  
Hazardous decomposition products: CONTACT WITH ACIDS WILL RELEASE CHLORINE GAS, CO, CO2

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## SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: SKIN CONTACT, INHALATION ACUTE, INHALATION CHRONIC, EYE CONTACT, INGESTION  
EFFECTS OF ACUTE EXPOSURE:  
Eye: MAY CAUSE SEVERE EYE, NOSE & THROAT IRRITATION  
Inhalation (of mists): COUGHING AND DIFFICULTY BREATHING.  
EFFECTS OF CHRONIC EXPOSURE: AS FOR ACUTE EXPOSURE  
Carcinogenicity: NOT LISTED AS A CARCINOGEN

## SECTION VII- PREVENTATIVE MEASURES

Protective gloves: RUBBER OR VINYL  
Eye protection: SAFETY GLASSES  
Respiratory protection: NIOSH RESPIRATOR IF NECESSARY  
Other protective equipment: EYE WASH STATION  
Engineering controls: LOCAL EXHAUST IF DUSTY CONDITION PREVAILS  
Leak and Spill Procedure: SHOVEL DRY CHEMICAL INTO EMPTY CONTAINER AND COVER. SWEEP UP REMAINING MATERIAL FOR RECOVERY OR DISPOSAL.  
Waste disposal: DO NOT FLUSH TO SEWER. DISPOSE IN ACCORDANCE WITH REGULATIONS.  
Storage Requirements: STORE IN COOL DRY AREA AWAY FROM ACIDS.

## SECTION VIII - FIRST AID

Eye contact: Immediately flush with water for 15 minutes and seek medical attention immediately.  
Skin contact: Wash with soap and water.  
Inhalation: Remove to fresh air.  
Ingestion: Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.

## SECTION IX - PREPARATION DATA OF MATERIAL SAFETY DATA SHEET

Additional information/comments:

Prepared By: HAW

NAP - Not Applicable, NAV - Not Available.

### Disclaimer

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form.