

MATERIAL SAFETY DATA SHEET

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SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

Product Name: OXY-KLEEN/ BFU Bleach for Unbleachables Chemical Formula: NP 104
ALKALINE POWDER CLEANER

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

Emergency Telephone Number: 1-519-759-2443 Date prepared: September 3, 2014

TDG RATING: OXIDIZING SOLIDS, NOS SODIUM CARBONATE PEROXYHYDRATE
CLASS 5.1, UN 1479, PG II.

WHMIS CLASSIFICATION: C: OXYDIZER D-2B TOXIC (EYE IRRITANT)

Hazard Rating

HEALTH: 2 FLAMMABILITY: 0
REACTIVITY: 0 PERSONAL PROTECTION: D

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

| <u>Ingredients</u> | <u>CAS#</u> | <u>Wt%</u> | <u>ACGIH-TLV</u> |
|-----------------------------------|-------------|------------|------------------|
| SODIUM CARBONATE PEROXYHYDRATE | 15630-89-4 | 60 - 100 | NAV |
| SODIUM CARBONATE | 497-19-8 | 10 - 30 | 10mg/m3 |

SECTION III - PHYSICAL DATA

Boiling Point (deg C): NAV Specific gravity: NAV
Composite Partial Vapour Pressure (mm Hg @ 25C): NAV Solubility in Water: SOLUBLE
pH (as supplied): ALKALI Color: WHITE
Physical State: SOLID Odor: NIL

SECTION IV - FIRE AND EXPLOSION DATA

Flammability: NON FLAMMABLE
Flash Point (deg C, TCC): NAV LEL: NAV UEL: NAV
Hazardous combustion products: NAV
Extinguishing Media: USE APPROPRIATE MEDIA FOR SURROUNDING FIRE.
Special Fire Hazards: AVOID SOAKING NP104 WITH WATER DUE TO HEAT OF REACTION.

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability: STABLE
Incompatible Materials: STRONG OXYDIZING AND REDUCING AGENTS AND METALIC IONS.
Hazardous decomposition products: OXYGEN AND STEAM. HAZARDOUS POLYMERIZATION
WILL NOT OCCUR.

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Chemical Formula: NP104

SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: SKIN CONTACT, EYE CONTACT, INHALATION ACUTE, INGESTION.
EFFECTS OF ACUTE EXPOSURE: DUST MAY CAUSE IRRITATION TO SKIN, NOSE, THROAT & RESPIRATORY TRACT.
Eye: IRRITATION
Skin: IRRITATION
Inhalation (of mists): IRRITATION TO NOSE, THROAT & RESPIRATORY TRACT.
Ingestion: SEVERE IRRITATION TO MOUTH, THROAT AND DIGESTIVE TRACT
EFFECTS OF CHRONIC EXPOSURE: AS FOR ACUTE
Carcinogenicity: NOT A CARCINOGEN

SECTION VII- PREVENTATIVE MEASURES

Protective gloves: RUBBER, NITRILE OR PVC
Eye protection: GOGGLES, FACE MASK
Respiratory protection: RESPIRATOR WITH DUST CARTRIDGE
Other protective equipment: SAFETY BOOTS, COVER EXPOSED SKIN, SAFETY SHOWER & EYE WASH
Engineering controls: GOOD GENERAL AREA VENTILATION
Leak and Spill Procedure: COLLECT PRODUCT FOR RECOVERY. NEUTRALIZE CONTAMINATED SOIL OR WATER WITH WEAK ACID.
Waste disposal: IN ACCORDANCE WITH LOCAL PROVINCIAL OR FEDERAL REGULATIONS.
Storage Requirements: STORE IN DRY AREA.

SECTION VIII - FIRST AID

Eye contact: Immediately flush with water for 15 minutes and seek medical attention immediately.
Skin contact: Flush with running water 30 - 60 minutes. If irritation persists seek medical attention.
Inhalation: Remove to fresh air. Administer artificial respiration and/or oxygen if necessary. Seek medical attention.
Ingestion: Rinse out mouth. Give 1 glass of water. Do not induce vomiting. Seek medical attention immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

SECTION IX - PREPARATION DATA OF MATERIAL SAFETY DATA SHEET

Additional information/comments: Nioshiosha Occupational Health Guidelines for Chemical Hazards, U.S. Dept. of Labour, 1978
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.