

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

Product Name: FREEZER CLEAN
ALKALINE CLEANER

Chemical Formula: H334

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

Distributor:

Emergency Telephone Number: 1-519-759-2443
Hazard Rating

Date prepared: September 3, 2014

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

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

<u>Ingredients</u>	<u>CAS#</u>	<u>Wt%</u>	<u>ACGIH-TLV</u>
SURFACTANT BLEND	NAV	3 - 7	NONE
SODIUM HYDROXIDE	1310-73-2	1 - 5	2mg/m3
PROPYLENE GLYCOL	107-98-2	10-30	100ppm
MONOMETHYL-ETHER			
ETHYLENE GLYCOL	111-76-2	7-13	25ppm
MONOBUTYL-ETHER			
DODECYLBENZENE	27176-87-0	10-30	NONE
SULFONIC ACID			
POTASSIUM HYDROXIDE	1310-58-3	5-10	2mg/m3
SODIUM TRIPOLYPHOSPHATE	7758-29-4	1-5	NONE
SODIUM XYLENE	1300-72-7	5-10	NONE
SULFONATE			

SECTION III - PHYSICAL DATA

Boiling Point (deg C): 100-105

Specific gravity: 1.1

Composite Partial Vapour Pressure (mm Hg @ 25C): 760

Solubility in Water: (20) INFINITE

pH (as supplied): 13.2 - 13.8

Color: CLEAR GREEN

Physical State: LIQUID

Odor: BUTYL ODOR

SECTION IV - FIRE AND EXPLOSION DATA

Flammability: NOT FLAMMABLE

Flash Point (deg C, TCC): NAP LEL: NAP

UEL: NAP

Hazardous combustion products: NAP

Extinguishing Media: NAP

Special Fire Hazards: NAP

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability: STABLE Incompatible Materials: NONE

Hazardous decomposition products: NIL

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SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: SKIN CONTACT, EYE CONTACT, INGESTION
EFFECTS OF ACUTE EXPOSURE:
Eye: IRRITATION
Skin: IRRITATION
Ingestion: IRRITATION OF DIGESTIVE TRACT
EFFECTS OF CHRONIC EXPOSURE:
Eyes: IRRITATION TO EYES AND MUCOUS MEMBRANES
Skin: IRRITATION
Carcinogenicity: NAV

SECTION VII- PREVENTATIVE MEASURES

Protective gloves: PVC OR RUBBER
Eye protection: SAFETY GLASSES
Respiratory protection: NOT REQUIRED
Other protective equipment: EYE WASH STATION
Engineering controls: NORMAL VENTILATION
Leak and Spill Procedure: FLUSH SPILL AREA WITH WATER. LARGE: DIKE AND ABSORB WITH INERT ABSORBENT.
Waste disposal: DISPOSE IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.
Storage Requirements: DRY STORAGE RECOMMENDED. AVOID FREEZING.

SECTION VIII - FIRST AID

Eye contact: Flush with water for 15 minutes and seek medical attention immediately.
Skin contact: Flush with water.
Inhalation: Remove to fresh air.
Ingestion: Drink copious amounts of water or mild vinegar solution. 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.