

MATERIAL SAFETY DATA SHEET

Page 1

SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

Product Name: ASTRODET
ALKALINE CLEANER

Chemical Formula: H330

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

Distributor:

Emergency Telephone Number: 1-519-759-2443

Date prepared: September 4, 2014

Hazard Rating

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

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

Ingredients	CAS#	Wt%	ACGIH-TLV
SURFACTANT BLEND	NAV	3 - 7	NONE
ETHYLENE GLYCOL			
MONOBUTYL ETHER	111-76-2	7 - 13	25 PPM (SKIN)
SODIUM DODECYLBENZENE SULFONATE	25155-30-0	7 - 13	NAV

SECTION III - PHYSICAL DATA

Boiling Point (deg C): 100	Specific gravity: 1.0
Composite Partial Vapour Pressure (mm Hg @ 25C): NAV	Solubility in Water:(20C)INFINITE
pH (as supplied): 11.5 - 12.5	Color: CLEAR BLUE
Physical State: LIQUID	Odor: BUTYL 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: AS FOR SURROUNDING FIRE
Special Fire Hazards: NONE

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability: STABLE
Incompatible Materials: MAY REACT EXOTHERMICALLY WITH STRONG
ACIDS
Hazardous decomposition products: HAZARDOUS POLYMERIZATION WILL NOT OCCUR

MATERIAL SAFETY DATA SHEET

Page 2

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SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: SKIN CONTACT, SKIN ABSORPTION, EYE CONTACT, INHALATION
ACUTE, INHALATION CHRONIC, INGESTION
EFFECTS OF ACUTE EXPOSURE:
Eye: IRRITATION
Skin: IRRITATION
Ingestion: IRRITATION TO DIGESTIVE TRACT
EFFECTS OF CHRONIC EXPOSURE: NOT DETERMINED
Carcinogenicity: NOT LISTED

SECTION VII- PREVENTATIVE MEASURES

Protective gloves: RUBBER OR VINYL
Eye protection: SAFETY GLASSES
Respiratory protection: NOT NORMALLY REQUIRED
Other protective equipment: EYE WASH STATION
Engineering controls: NORMAL VENTILATION
Leak and Spill Procedure: DIKE OR ABSORB MATERIAL WITH EARTH OR GRANULES
Waste disposal: ACCORDING TO LOCAL, PROVINCIAL AND FEDERAL
REGULATIONS
Storage Requirements: KEEP IN COOL DRY AREA. AVOID FREEZING

SECTION VIII - FIRST AID

Eye contact: Flush with water for 15 minutes. If irritation persists, 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.