

SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS) N/D=Not Determined N/A=Not Applicable

Product: CRYSTAL CAP CLEAN

Manufacturer: ESTEAM

Flammability: 0

Reactivity: 0

Health: 1

Protection:

Use: Bonnet Cleaner

NFPA LEAST=0, SLIGHT=1, MODERATE=2, HIGH=3, EXTREME=4

HAZARDOUS INGREDIENTS

Sodium tetraborate Pentahydrate
Magnesium Lauryl Sulfate

CAS #
12179-04-3
3097-08-3

% WT
0.1-1%
5-10%

HAZARD DATA
Oral LD50: 2660 mg/kg (rat)
N/D

EXPOSURE LIMITS (TLV)
N/D
None

PHYSICAL DATA

Physical State: Liquid

Boiling Point (C): 100

Solubility in Water: 100 %

Evaporation Rate: N/D

Freeze/Thaw Stable: Yes

Odor/ Appearance: Citrus/slight ammonia/yellowish

Freezing Point (C): 0

Ph (undiluted): 8.7

Specific Gravity: N/D

Percent Volatile (vol): N/D

Vapor Pressure: N/D

FIRE & EXPLOSION HAZARD

Flammability: N

Means of Extinction: N/A

Special Procedures: N/A

Explosion Sensitivity to Impact: N/A

Chemical Sensitivity to Static Discharge: N/A

Flashpoint (C) & Method: N/A

Conditions: N/A

Hazardous Combustion Products: N/A

Upper Explosion Limit (% by vol): N/A

Lower Explosion Limit (% by vol): N/A

Auto-ignition: N/A

Rate of Burning: N/A

Explosive Power: N/A

TDG/WHMIS: Non hazardous / D2B

REACTIVITY DATA

Chemical Stability: Stable

Hazardous Decomposition Product: May yield sulphur dioxides and oxides of sulfur

Incompatible Substances: Oxidizing materials and strong acids

TOXICOLOGICAL PROPERTIES

Route of Entry - Skin Contact: Y
Route of Entry - Skin Absorption: y
Route of Entry - Eye Contact: Y
Route of Entry - Inhalation: Y
Route of Entry - Ingestion: Y

Reproductive Effects Y/N: N
Carcinogenicity Y/N: N
Mutagenicity Y/N: N
Teratogenicity Y/N: N
TLV: N/D

Effects of Overexposure:

Acute Effects:

Gastrointestinal irritation (nausea, vomiting, diarrhea) irritation to skin, eyes, nose, throat and respiratory tract.

Chronic Effects:

No data available

PREVENTATIVE MEASURES

Gloves: Rubber gloves

Footwear: N/A

Clothing: N/A

Eyes: Safety glasses

Respirator: N/A

Other: N/A

Recommended Engineered Controls:

No special procedures.

Leak & Spill Procedures:

Small spills - flush to a sanitary drain.
Large spills - contain and soak up with absorbent material.

Waste Disposal Methods:

According to federal, provincial and municipal regulations.

Special Handling Procedures:

Store in a cool, dry, well ventilated area.

FIRST AID MEASURES

Inhalation: Move person to fresh air. If necessary give artificial respiration or oxygen. Call doctor if in distress.

Ingestion: Immediately rinse mouth and throat thoroughly with soap and water. Call a physician.

Eye Contact: Immediately flush eyes with running water for at least 15 minutes. Call a physician.

Skin Contact: Immediately flush skin with running water for at least 15 minutes. Launder clothing before reuse. Contact a physician if irritation persists.

Prep./Revised Date: Nov 1, 2011

Prepared By: R. Russell

Source Material: Manufacturer's MSDS

Emergency Response: 1-613-996-6666 (Transport Emergencies)

Mailing Address: Esteam Manufacturing Ltd.

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This information is complete to the best of our knowledge, however, users are encouraged to make their own investigations into the suitability of the information to their particular purposes. READ THE LABEL before using this or any product, and take any necessary precautions, dictated by the label or by common sense to ensure that your health is protected.